H. L. FARGO.

ASH RECEPTACLE.

APPLICATION FILED JAN. 29, 1921.

1,428,686.

Patented Sept. 12, 1922.

2 SHEETS—SHEET 1.

Fig. 1.

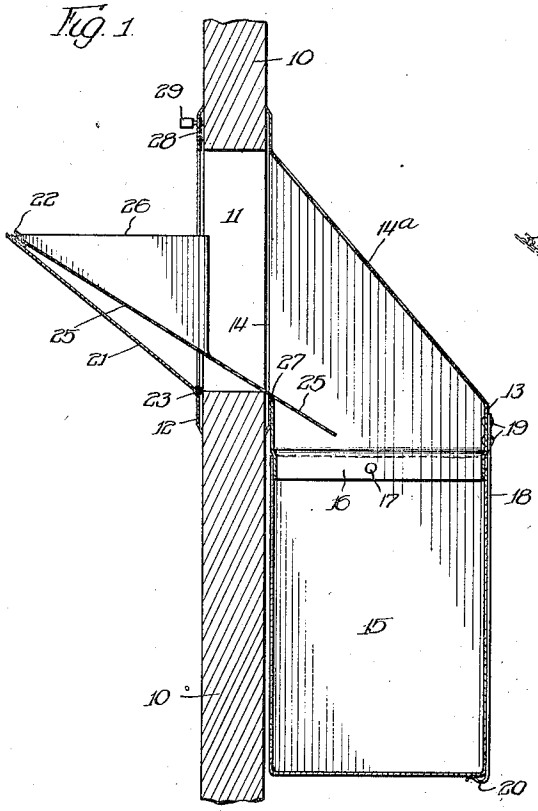


Fig. 2.

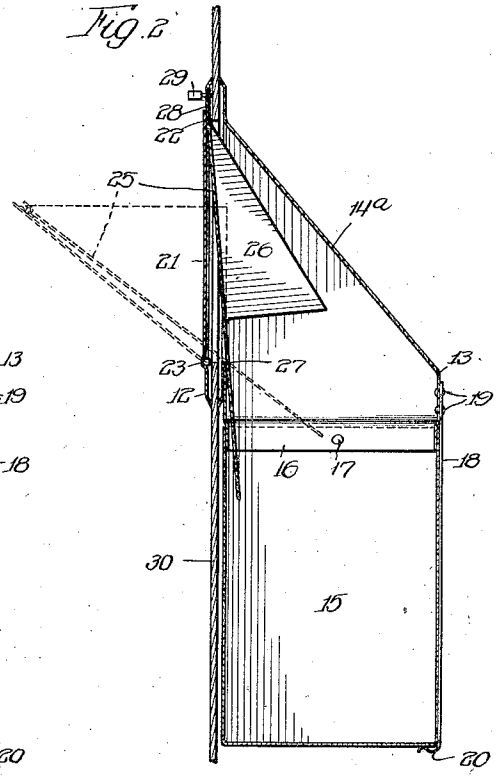
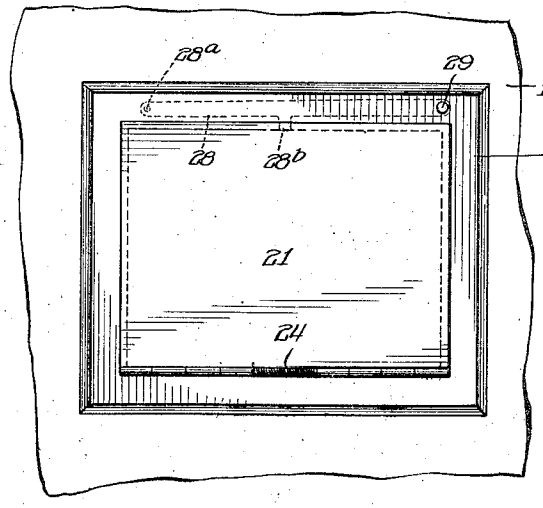


Fig. 3.



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2 SHEETS—SHEET 2

Fig. 4.

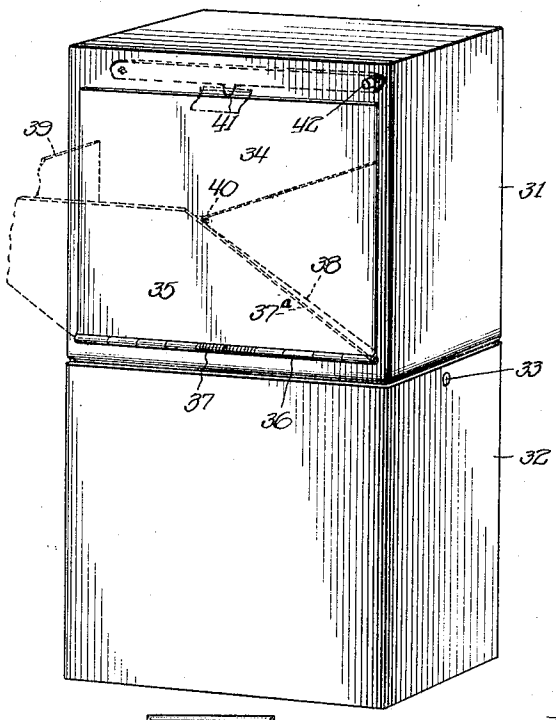


Fig. 5

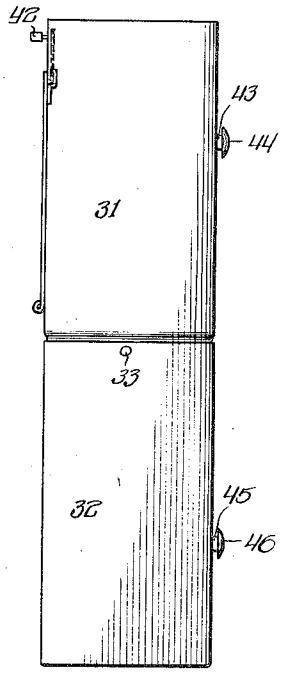


Fig. 6.

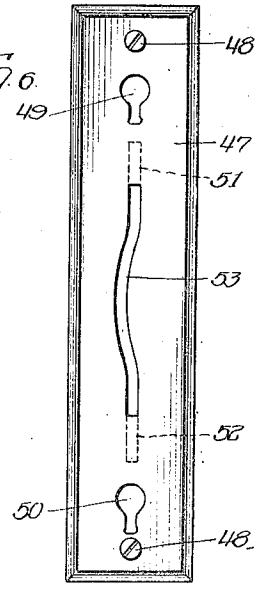
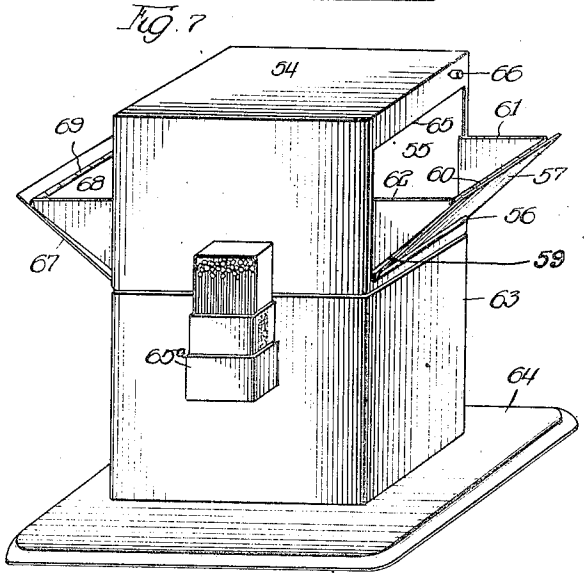


Fig. 7



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Patented Sept. 12, 1922. 1,428,686

UNITED STATES PATENT OFFICE.

HARRY L. FARGO, OF RIPON, WISCONSIN.

ASH RECEPTACLE.

Application filed January 29, 1921. Serial No. 440,841.

To all whom it may concern:

Be it known that I, HARRY L. FARGO, a citizen of the United States, residing at Ripon, in the county of Fond du Lac and State of Wisconsin, have invented certain new and useful Improvements in an Ash Receptacle, of which the following is a specification.

My invention relates to an ash receptacle and has particular reference to an ash receptacle which is adapted for use in an automobile, particularly in a closed body type of vehicle, and affords means in which cigar or cigarette ashes and the stubs of cigars or cigarettes can be dropped, and also a device which is closed up so that the smoke or odor from the cigar or cigarette stubs does not pass out into the car.

Another and further object of my invention is the provision of a closed ash receptacle which can also be used upon desks, stands, tables or the like, or which can be attached to walls or to the sides of tables or desks with equal facility as they can be attached to the sides of an automobile body.

Another object of my invention is the provision of an ash receptacle which is simple in operation and which can be easily cleaned and the ashes and cigar and cigarette stubs emptied therefrom with facility and ease.

These and other objects of my invention will be more fully and better understood by reference to the accompanying sheets of drawings, and in which—

Figure 1 is a vertical sectional view of my improved ash receptacle in open position upon the dash-board of an automobile;

Figure 2 is a vertical side sectional view of my improved ash receptacle in closed position;

Figure 3 is a front elevational view of the receptacle shown in Figures 1 and 2;

Figure 4 is a view in perspective of a modified form of my invention adapted to be secured to the walls of automobile bodies;

Figure 5 is a side view in elevation of the receptacle shown in Figure 4;

Figure 6 is a plate to which the form of receptacle shown in Figures 4 and 5 is adapted to be secured; and

Figure 7 is a perspective view of a form of receptacle for general use or which can be attached to a stand in an automobile body.

Referring now specifically to the drawings and in which like reference characters refer to like parts throughout, a dash-board 10 of an automobile is shown having an opening 11 therein and a frame 12 secured thereto which extends entirely around the opening 11 in the dash 10. Secured to the inner side of the dash 10 is a member 13 having an opening 14 therein which is in register with the opening 11 in the dash 10. The member 13 is shown having a top member 14^a extending downwardly in a diagonal direction, although the form of the member 13 can be rectangular or any other convenient form desired. Secured to the member 14 is a rectangular shaped receptacle 15 which is adapted to receive the ashes and cigar stubs dropped into the device, as hereinafter described. The lower edge 16 of the member 13 extends into the upper open side of the member 15 and the member 15 is held in position upon the member 13 by frictional engagement with the walls of the member 13 or by a slight projection 17 upon the walls of the member 13 which fits into corresponding depressions in the upper edge of the walls of the member 15. In addition to the fastening means described above a spring member 18 is secured to the member 13 by means of rivets 19, 19, and extends downward along the rear of the member 15 and has a hook 20 formed on the lower end thereof which extends under the bottom of the member 15 so that it is held securely in position, and which can be easily removed and emptied.

Secured to the frame 12 by means of a pintle 23 is a door 21 which is adapted to close the opening 11 through the dash 10 and into the receptacle 13. A coil spring 24 is secured around the pintle 23 and has one of its ends in engagement with the door 21 and the other end with the frame 12 so that when the latch hereinafter described is loosened the door 21 will be forced downward into the position shown in Figure 1. Secured to the door 21 by means of a pintle 22 near its upper edge is an apron 25 having a pair of side members 26 and 27 formed integrally therewith and which form a channel or receptacle for receiving ashes dropped on to the member 25 which thus acts as a conveyor to the receptacle 15.

It will be noted that the member 25 extends through the opening 11 in the dash 10 and into the member 13 and rests upon the lower edge 27 of the opening in the member 13, the purpose of the member 25 being to convey the ashes or other refuse

into the receptacle 15 and also provide a conveyor through the dash 10 which may vary in thickness a great deal in different makes of machines, and thus the device may be attached to a dash of any thickness or to a plate, as hereinafter described. A latch 28 is provided pivotally mounted upon a pin 28[a] and is operated by a button 29 and has a projection 28[b] thereon for engagement with the door 21 so that when the latch 28 is released the spring 24 opens the door 21 into the position shown in Figure 1. After the device has been used the door 21 is lifted and is engaged by the projection 28[b] and held in closed position until released by means of the button 29.

In Figure 2 is illustrated the same device as shown in Figure 1 except the receptacle is shown in closed position and attached to a thin metal dash or plate 30. A metal plate may be substituted for the dash 30 and secured to the dash of a car in any suitable manner.

In Figure 4 I have illustrated a closed form of ash receptacle for use in the body of a car and in which an upper member 31 is provided which is in telescopic engagement with the lower member 32, a stud 33 being provided which engages in a depression in the lower edge of the member 31. The member 31 has an opening 34 in the side thereof which is adapted to be closed by a door 35 which is hinged at 36 to the edge of the member 31. A spring 37 is provided which is adapted to hold the door 35 normally in open position. An apron 37[a] is provided having triangular shaped integrally formed side members 38 and 39, the said member 37[a] being secured to the door 35 near its upper end by a pintle 40. A latch 41 is provided which is operated by a button 42 in the same manner as the latch heretofore described with reference to the form shown in Figures 1 and 2. Secured to the back of the member 31 is a stud 43 having a head 44 thereon, a similar head 45 having a head 46 being secured to the member 32. A plate 47 is provided which is secured by means of screws 48 to the body of an automobile, the plate 47 having an upper keyhole shaped opening 49 therein and a lower opening 50 therein. The stud 43 is adapted to be inserted into the opening 49 and the stud 45 into the opening 50, and the receptacle then dropped down into the restricted portions of the openings 49 and 50 so that they are securely held in position. Vertically extending slots 51 and 52 are shown in the plate 47 into each of which the ends of a flat spring 53 are positioned, the spring 53 pushing outward against the members 31 and 32, so that they are held securely against rattling when the device is placed in position upon a car.

In Figure 7 I have illustrated a modified form of device in which a rectangular shaped member 54 is shown having an opening 55 on one of its sides and a corresponding opening (not shown) upon its opposite side. Secured to the member 54 at the lower edge of the opening 55 by means of a hinge 56 is a door 57, the door 57 having an apron 59 secured thereto by means of a hinge 60, the said apron 59 having triangular shaped side portions 61 and 62 integral therewith, which provide guides for the dropping of ashes into the receptacle. The member 54 is telescopically fitted upon a member 63 which in turn is secured to a base 64 seated upon a table, stand or otherwise, or which may be secured upon a shelf or stand in an automobile, if so desired. The members 63 and 64 may be permanently secured together or separately secured so that the member 63 can be easily emptied. A match holder 65[a] is provided on the side of the member 63 so that matches may be positioned adjacent the ash receptacle for convenient use. The member 54 has a latch 65 operated by a button 66 in the same manner as heretofore described. A door 67 is also provided having a member 68 secured thereto by means of a hinge 69 on the opposite side from the opening 55 in the member 54 so that ashes may be dropped into the receptacle from each side, the arrangement of the door 67 being the same as heretofore described with respect to the door 57.

In operation, when it is desired to use the devices the doors can be opened by loosening the latch in each instance, whereupon the doors will drop down into open position and cigar or cigarette ashes, or cigarette stubs or other refuse dropped into the receptacle, whereupon the doors may be closed and secured in position by the latches, so that all odor and cigar smoke passing upward from the cigarette or cigar stubs is held inside of the receptacle and does not pass outward into the atmosphere.

While I have described more or less precisely the details of construction, I do not wish to be understood as limiting myself thereto, as I contemplate changes in form and the proportion of parts and the substitution of equivalents as circumstances may suggest or render expedient without departing from the spirit or scope of my invention.

I claim:

1. An ash receiving device comprising a hollow body receptacle having an opening in one of its sides, a door hingedly secured to the receptacle and adapted to close the opening, and an apron hingedly secured to the door and extending into the body of the said receptacle.

2. An ash receiving device comprising upper and lower ash receiving members, one of said members having an opening in one

of its sides, and an apron hingedly secured to the door and extending into the body of said receptacle.

3. An ash receiving device comprising a pair of hollow separable receptacles, one of said receptacles having a door opening therein, a door hingedly secured to one of said body members and an apron hingedly secured to the said door extending through said door opening and into said receptacle.

4. An ash receiving device comprising a pair of hollow separable members telescopically secured together, one of said members having a door opening therein, a door hingedly secured to the body member adjacent the door opening, and an apron hingedly secured to the door near its upper edge and extending into the ash receptacle.

5. In an ash receiving device comprising an upper hollow receptacle, a lower receptacle secured to said upper receptacle, the said upper receptacle having a door opening therein, a door hingedly secured to said upper receptacle adjacent the door opening, and an apron hingedly secured to said door and extending into said ash receptacle.

6. An ash receiving receptacle comprising an upper receptacle and a lower receptacle, the said upper receptacle having a door opening therein, a door hingedly secured to said upper receptacle, and an apron hingedly secured to the said door and extending into the ash receptacle, and means for holding the lower receptacle in telescopic engagement with said upper receptacle.

7. An ash receiving receptacle comprising an upper receptacle and a lower receptacle, the said upper receptacle having a door opening therein, a door hingedly secured to said upper receptacle, and an apron hingedly secured to the said door and extending into the ash receptacle, means for holding the lower receptacle in telescopic engagement with said upper receptacle, and means for securing the receptacle to the body of an automobile.

8. In an ash receiving device comprising an upper receptacle having an opening therein, a lower receptacle detachably secured to said upper receptacle a frame adapted to be secured to the dash of an automobile, a door hingedly secured to said frame, and an apron hingedly secured to said door and extending through an opening in the said dash and into the said upper receptacle.

9. In combination with an automobile dash having an opening therethrough, a frame, a door hingedly secured to said frame, an ash receptacle comprising a pair of telescopically arranged members with an opening in one side thereof in register with the opening in said dash, and an apron hingedly secured to the said door and extending through the opening in the said dash and into the said receptacle.

10. An ash receiving device comprising a hollow body receptacle having an opening in one of its sides, a door hingedly secured to the receptacle and adapted to close the opening, and an apron hingedly secured to the door and extending into the body of the said receptacle, the said apron having means at its sides whereby a channel is formed leading into said receptacle.

11. In an ash receiving device comprising an upper receptacle having an opening therein, a lower receptacle detachably secured to said upper receptacle a frame adapted to be secured to the dash of an automobile, a door hingedly secured to said frame, and an apron hingedly secured to said door and extending through an opening in the said dash and into the said upper receptacle, the said apron having side wings thereon whereby a channel is formed leading into said receptacle.

12. In an ash receiving device comprising an upper receptacle having an opening therein, a lower receptacle detachably secured to said upper receptacle, a frame adapted to be secured to the dash of an automobile, a door hingedly secured to said frame, and an apron hingedly secured to said door and extending through an opening in the said dash and into the said upper receptacle, the said apron having upturned wing portions at its sides whereby a channel is formed leading into the said receptacle.

Signed at Chicago, Illinois, this 22nd day of January, 1921.

HARRY L. FARGO.