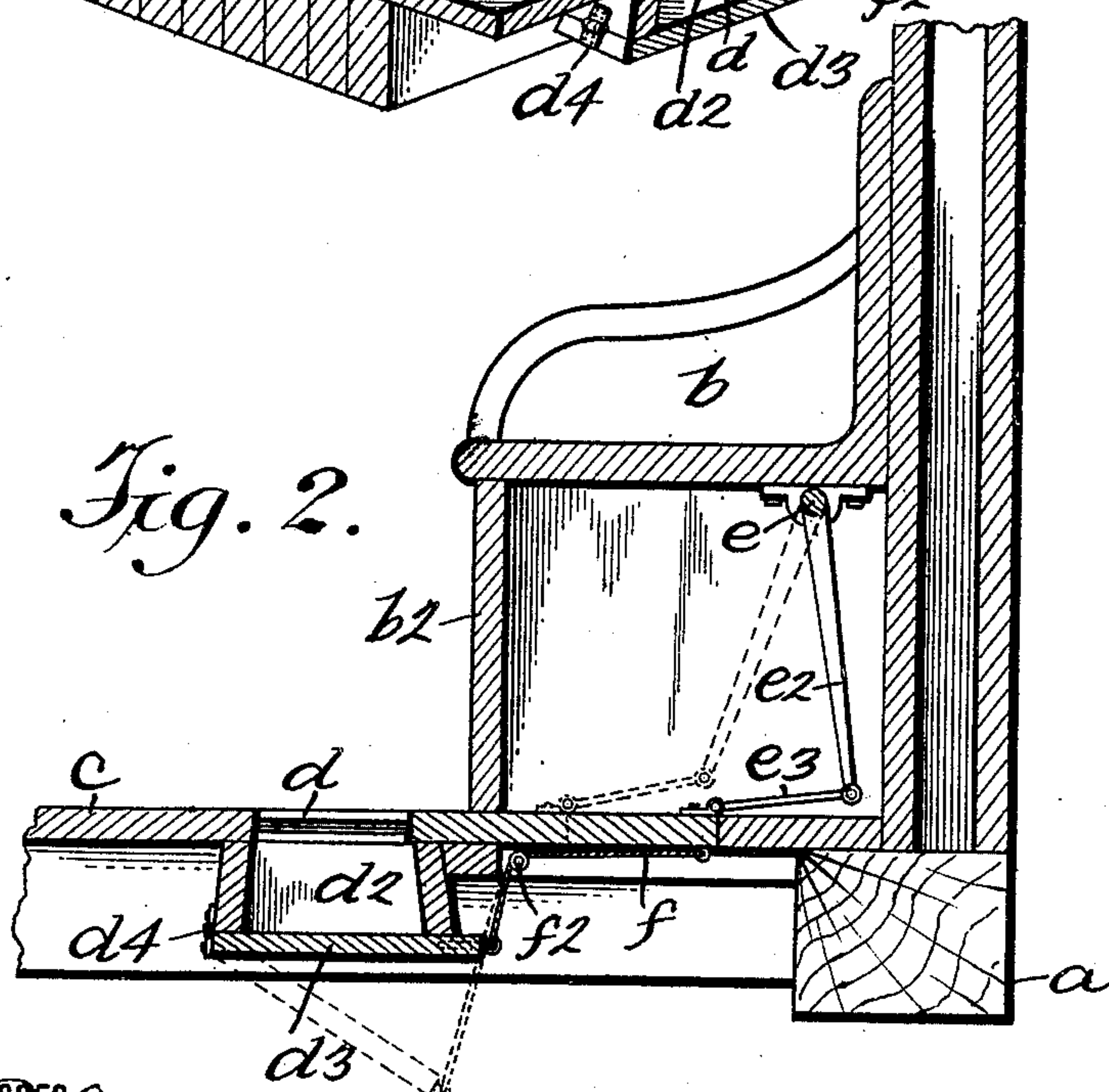
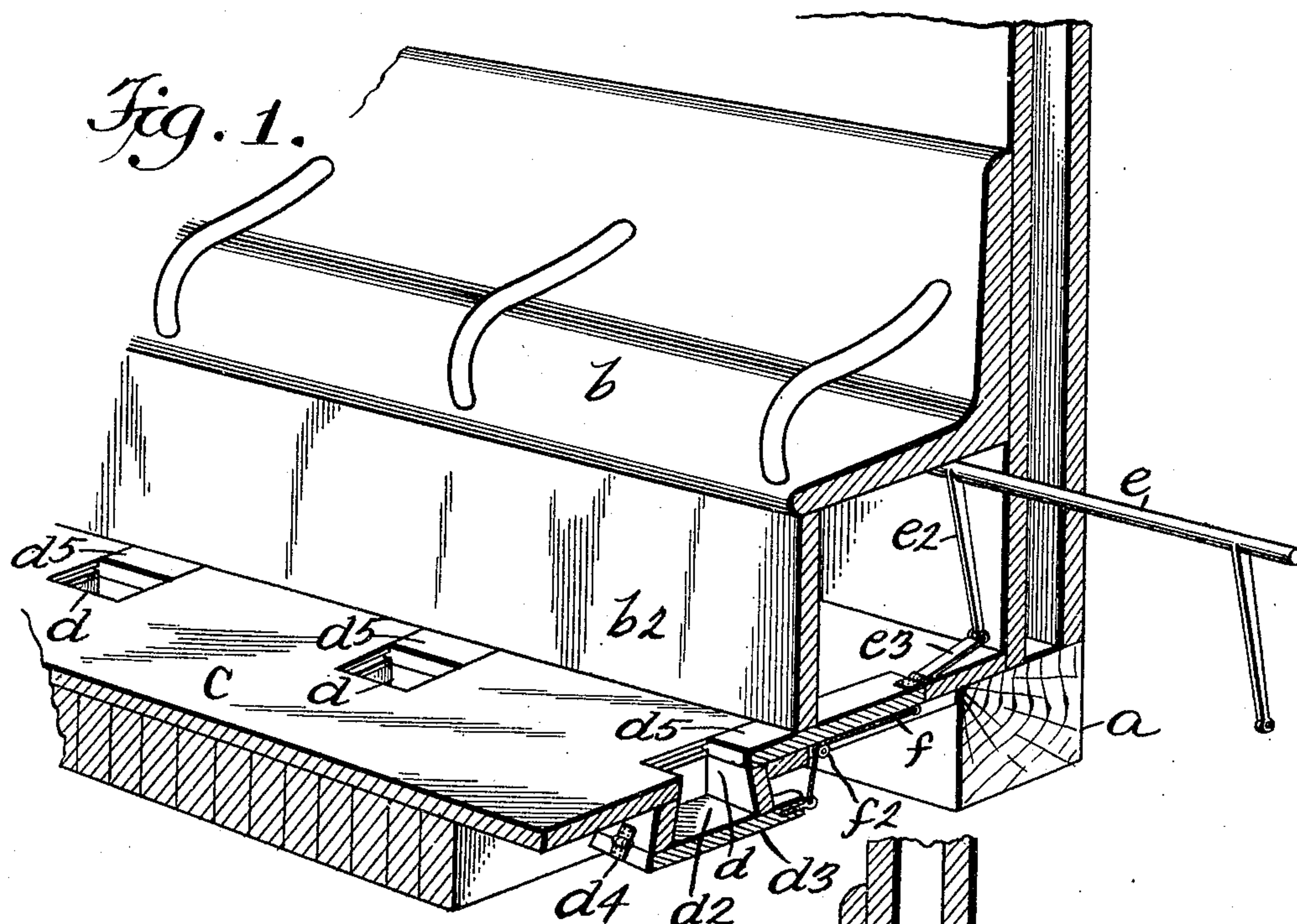


No. 799,403.

PATENTED SEPT. 12, 1905.

R. F. REAGAN.  
CUSPIDOR.

APPLICATION FILED MAR. 1, 1905.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

ROBERT FRANCIS REAGAN, OF NEW BRIGHTON, NEW YORK.

## CUSPIDOR.

No. 799,403

Specification of Letters Patent.

Patented Sept. 12, 1905.

Application filed March 1, 1905. Serial No. 247,846.

*To all whom it may concern:*

Be it known that I, ROBERT FRANCIS REAGAN, a citizen of the United States, residing at New Brighton, in the county of Richmond and State of New York, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

10 This invention relates to cuspidors for use on ferry-boats and similar vessels; and the object thereof is to provide improved devices of this class which are countersunk in the floor of the cabin or cabins and which may be  
15 closed whenever desired and which may be conveniently opened when necessary in order to discharge the contents thereof into the water.

20 The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

25 Figure 1 is a perspective inside view of a part of one of the cabins of a ferry-boat, a part of the overhang at one side of the ferry-boat over which the cabin or cabins are placed and in the floor of which my improved cuspidors are located, and showing also the mechanism for closing the cuspidors and opening  
30 the same so as to discharge the contents thereof; and Fig. 2, an end view showing the parts in a different position in dotted lines.

35 In the drawings forming part of this specification I have shown at *a* one of the side rails of the top of the hull of a ferry-boat, and at *b* a seat or row of seats in one of the cabins and at the inner side thereof, and at *c* a part  
40 of the floor of the cabin, and in the practice of my invention I form in the floor in front of the seat or seats *b* openings *d*, three of which are shown, and these openings are rectangular in form and beneath the same are box-shaped  
45 receptacles *d*<sup>2</sup>, having a bottom *d*<sup>3</sup> hinged at the outer side, as shown at *d*<sup>4</sup>.

50 The box-shaped receptacles *d*<sup>2</sup> form the cuspidors proper, any desired number of which may be employed, and each is provided with a cover comprising a slide *d*<sup>5</sup>, and these covers are shown in full lines in an open position, and said covers are movable transversely of  
55 and beneath the apron *b*<sup>2</sup> of the seat or seats *b* and said covers form a part of the floor *c* when in position to close the cuspidors. Arranged longitudinally of and beneath the seats

*b* is a shaft or rod *e*, provided with downwardly-directed arms *e*<sup>2</sup>, which correspond in number with the cuspidors, and the arms *e*<sup>2</sup> are hinged at their lower ends to the link members *e*<sup>3</sup>, and  
60 said link members *e*<sup>3</sup> are hinged to the inner ends of the slides or covers *d*<sup>5</sup>.

Connected with the bottom of the inner ends of the slides or covers *d*<sup>5</sup> are cords or other flexible devices *f*, which are passed over pulleys *f*<sup>2</sup> and connected with the inner ends of the bottoms *d*<sup>3</sup> of the cuspidors, and in order to close the cuspidors all that is necessary is to turn the shaft or rod *e* to the right and the covers *d*<sup>5</sup> will be forced forwardly, and  
70 at the same time the bottoms *d*<sup>3</sup> thereof will be allowed to drop downwardly, as indicated in dotted lines in Fig. 2, and when it is desired to open the cuspidors the shaft or rod *e* is turned in the reverse direction and the  
75 parts assume the position shown in full lines and the cuspidors are open at the top, while the bottoms thereof are closed.

It will be understood that the shaft or rod *e* may be operated in any desired manner, but  
80 in practice the said shaft or rod is operated from one end thereof, and said shaft or rod may be operated in any desired manner and the cuspidors may be of any desired number, and it will also be apparent that this arrangement of cuspidors may be employed at both  
85 sides of the cabin or in any other suitable location.

By means of my improvement I provide a ferry-boat or similar vessel with cuspidors  
90 which are conveniently arranged in the bottom of the cabins and which may be open for use whenever necessary and closed whenever desired and the closing of which opens the bottoms of said cuspidors, whereby the con-  
95 tents thereof may be dumped into the water, and it will be apparent that the use of my invention is not limited to ferry-boats and similar vessels, but the same may be employed on  
100 or in connection with cars or other vehicles, in the flooring of which the cuspidors would be located.

Having fully described my invention, what I claim as new, and desire to secure by Letters  
105 Patent, is—

A vessel or vehicle provided with a seat and the flooring of which in front of said seat is provided with an opening below which is a receptacle forming a cuspidor, said cuspidor being also provided with a hinged bottom  
110 and with a slide-cover which is adapted to be moved forwardly and backwardly be-

neath the seat and flush with the flooring, a shaft or rod placed beneath the seat and provided with a crank-arm which is in operative connection with said cover, a pulley placed  
5 beneath said cover and a flexible cord connected with the rear end of said cover and with the free edge of the bottom of the cuspidor whereby the movement of said shaft or rod in one direction will operate the cover to  
10 open the cuspidor and close the bottom thereof, and in the opposite direction will operate

the cover to close the cuspidor and open the bottom thereof, substantially as shown and described.

In testimony that I claim the foregoing as 15 my invention I have signed my name, in presence of the subscribing witnesses, this 27th day of February, 1905.

ROBERT FRANCIS REAGAN.

Witnesses:

JOSEPH A. REAGAN,  
F. A. STEWART.