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ATTACHMENT FOR AUTOMOBILES

Original Filed Feb. 24, 1926

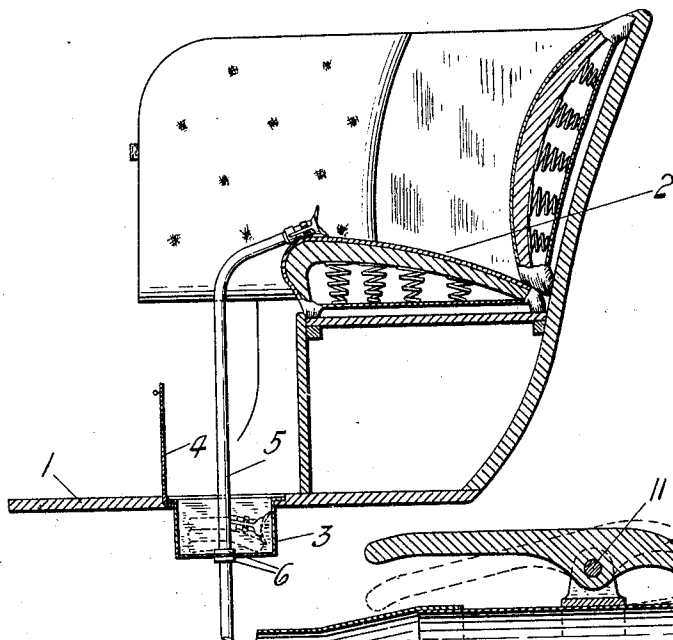


Fig.-1.

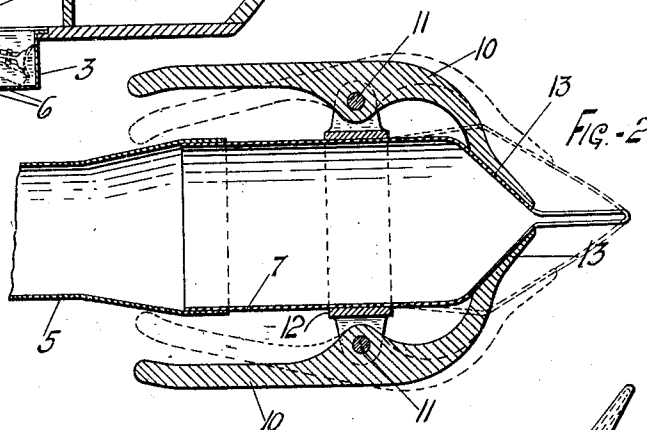


Fig.-2

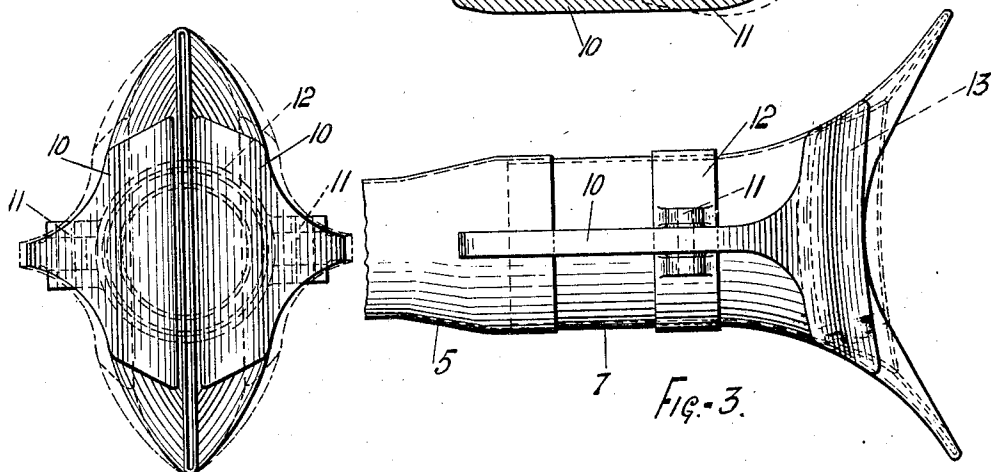


Fig.-3.

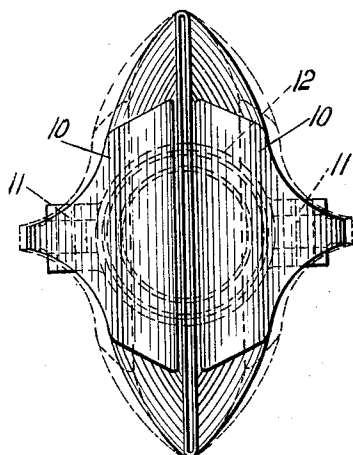


Fig.-4.

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UNITED STATES PATENT OFFICE.

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ATTACHMENT FOR AUTOMOBILES.

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The present invention has for its object the provision of an attachment for automobiles whereby an occupant of the machine can void urine without being compelled to alight from the car. The device is constructed and arranged so that it can be used easily and readily and will be kept out of sight when not in use. The device is compact and can be readily applied to any automobile with very little labor and without making any extensive changes in the car. It is also arranged so that it can be removed for cleaning and sanitation.

A further object of my invention is to so construct a device of this character that it can be used by either sex and can be readily adjusted to fit the body.

A device of this character has many advantages which will be apparent, and while the description and drawings are quite specific, it will be understood that changes and modifications may be made within the scope of the invention as set forth in the appended claims.

In the drawings:

Figure 1 is a view showing the method of mounting the improved attachment upon an automobile; and

Figures 2, 3 and 4 are a section, side elevation and end view, respectively, of the funnel or receiver of the device showing the manner in which it may be adjusted to fit the body of the user.

In the drawings, 1 represents the floor of an automobile and 2 the usual seat. In the floor of the automobile there is cut an opening in which a box of sanitary or enameled ware 3 is suspended, the box having a hinged cover 4. To the bottom of the box is fastened a long rubber tubing 5, washers or clamping rings 6 holding the tubing in place but permitting its removal for cleaning. The lower end of the tubing extends through the bottom of the box and discharges upon the ground.

The upper end of the tubing is connected to a somewhat larger tube or receiver 7, the entrance to which flares outwardly to form a funnel shaped opening. The entrance to the tube 7 is flexible and the size and shape of the opening can be regulated by levers 10 at opposite sides of the tube 7. The levers are carried upon pivots 11 which are located upon a collar 12 surrounding the tube 7. The ends of the levers 10 extend along the receiver and are secured to the walls as at 13. By gripping the free ends of the levers the size of the

opening can be changed to suit the requirements of the user and to fit the body. The arrangement described makes it possible for the device to be used by either sex.

When not in use the pipe is coiled up in the box and the cover lowered so that the device is concealed within the compartment provided for it. For application to a car all that is required is to cut a hole in the floor of the car and secure the box in position. The tube should be long enough to extend without bends or kinks from the floor to a position at the seat so that the device can be used by a person seated forwardly upon the cushions.

The details of the construction are non-essential and may be varied by any user or adapted without departing from the essential features of the invention.

What is claimed is:

1. A device for the uses and purposes set forth, the combination with a vehicle of a receptacle located within the floor of the car, a cover upon the receptacle, a flexible tube receivable in the receptacle, one end of the tube passing through the bottom of the receptacle and discharging on the ground, and the other end of the tube being provided with a receiver, the tube being of sufficient length to reach the seat of the car when in use, and being coiled up within the receptacle when not in use.

2. A device for the uses and purposes set forth, the combination with a vehicle of a receptacle located within the floor of the car, a cover upon the receptacle, a flexible tube receivable in the receptacle, one end of the tube passing through the bottom of the receptacle and discharging on the ground, and the other end of the tube being provided with an adjustable receiver, the tube being of sufficient length to reach the seat of the car when in use, and being coiled up within the receptacle when not in use.

3. A device for the uses and purposes set forth, the combination with a vehicle having a seat therein, a receptacle mounted in the vehicle, a flexible tube, one end of the tube passing through the receptacle and discharging on the ground, the other end of the tube extending to the seat and adapted to be used by the occupant for voiding urine therein, the tube being coiled up in the receptacle when not in use.

4. A device for the uses and purposes set forth, the combination with a vehicle having a seat therein, a receptacle mounted in the

vehicle, a flexible tube, one end of the tube being detachably connected to the receptacle and discharging below the floor, the other end of the tube extending to the seat and adapted
5 to be used by the occupant for voiding urine therein, the tube being coiled up in the receptacle when not in use.

5. A device for the uses and purposes set forth, the combination with a vehicle having
10 a seat therein, a receptacle mounted in the floor of the vehicle and having a cover, and a flexible tube receivable in coiled position within the receptacle, one end of the tube being detachably secured in the bottom of the
15 receptacle and discharging below the floor, the other end of the tube being adjustable to fit the body of the user.

6. A flexible tube for the uses and purposes set forth, having a receiver at one end of the
20 tube, a collar about the receiver, and levers pivoted to the collar and attached to the receiver so that the size and shape of the opening therein may be varied.

7. A flexible tube for the uses and purposes
25 set forth, having a receiver at one end there-

of, and levers upon the receiver, the levers being attached to the walls of the receiver so that the size and shape of the opening may be varied.

8. The combination with a vehicle having
30 an opening formed in its floor, of a urinal adapted to be passed into and from the body of the vehicle through said opening, a flexible tube connected with the urinal at one end and having its other end permanently sup-
35 ported beneath the floor of the vehicle, said tube being of such length as to permit the urinal to be elevated within the vehicle, and means for normally supporting the urinal be-
40 neath the plane of the vehicle floor.

9. The combination with an automobile of a comfort attachment therefor, including a receptacle mounted in the floor thereof in front of a seat, a fitting receivable in the
45 receptacle and adapted for use by a person, and a duct connecting the fitting to the bottom of the receptacle, said duct being extensible, whereby said fitting can be utilized by a person sitting on said seat.

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