

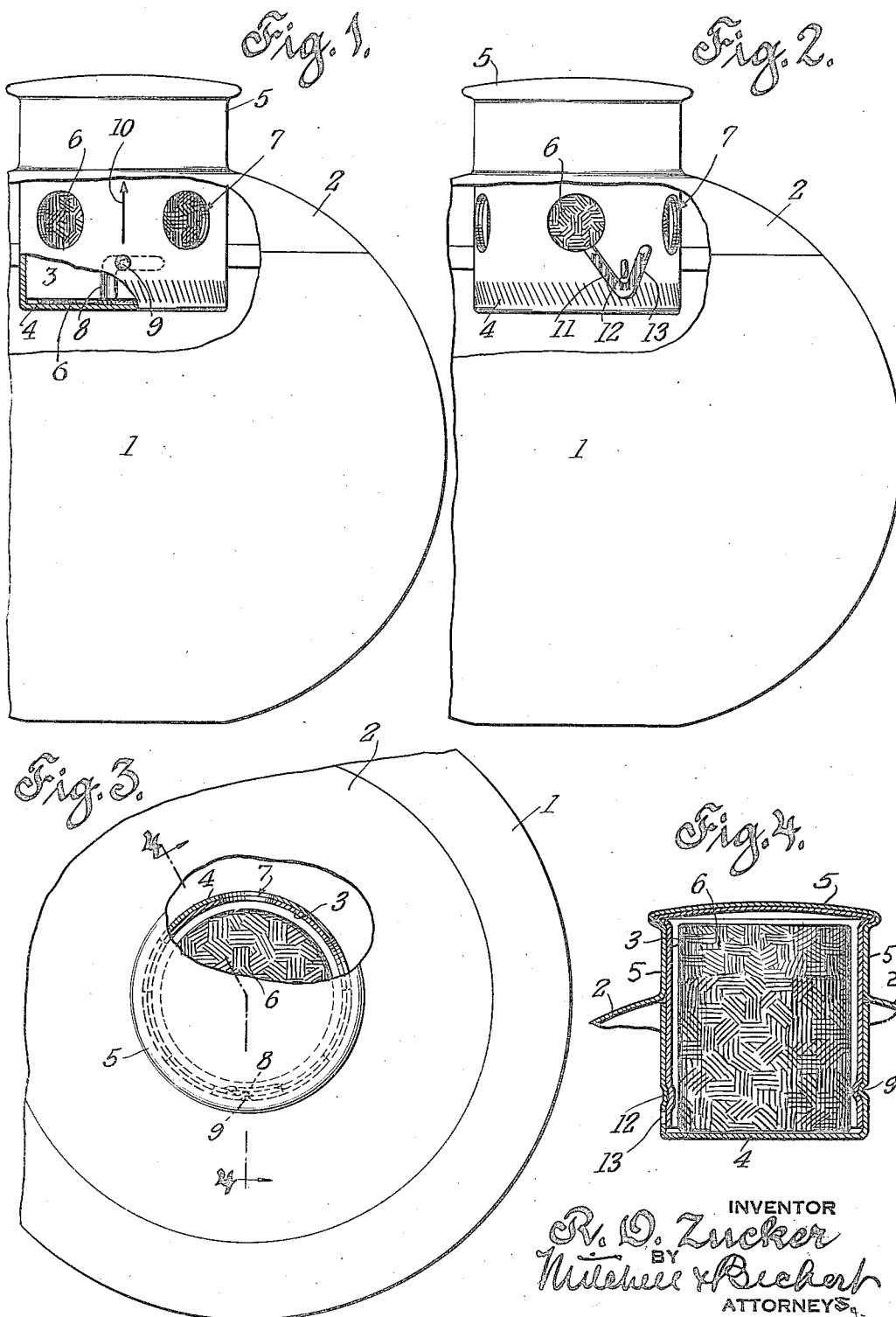
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HUMIDOR

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HUMIDOR

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9 Claims. (Cl. 131—30)

My invention relates to certain new and useful improvements in humidors, so called, and comprises a receptacle in which merchandise, such as tobacco, is to be maintained in a moist state.

The principal object of the present invention is to provide an improved form of humidor of the type disclosed in my United States Patent No. 1,704,908, March 12, 1929, and so arranged that the setting of the valve for controlling the passage leading from the interior of the moistening agent container to the interior of the humidor body will not be likely to be accidentally changed. Further objects are to improve the construction so that the moistening agent container can be more readily cleaned and so that the device can be more easily and rapidly produced.

Other objects and features of the invention will be apparent upon a reading of the annexed specification and an examination of the accompanying drawing.

In the drawing which shows, for illustrative purposes only, a preferred form of the invention—

Fig. 1 is a front elevation of a humidor embodying features of my invention, partly broken away and in section;

Fig. 2 is a rear elevation of the humidor shown in Fig. 1, also partly broken away and in section;

Fig. 3 is a plan view of the device shown in Figs. 1 and 2, partly broken away and in section;

Fig. 4 is a section on the line 4—4 of Fig. 3.

In said drawing, 1 represents a humidor body of any desired form and material. 2 is a detachable cover therefor. Centrally disposed in the cover 2 is a container 3—4 for a moistening agent which is positioned in the cover so that part of the container is above the cover and part of the container is below the cover. This container may include an inverted cup 5 which is connected to or made integral with the cover 2. 3 is a sleeve that is rigidly secured to the cover 2, either directly, or by being secured to the cup 5. In the form shown in the drawing the sleeve 3 is attached to the cup 5 by pressing or spinning the upper part of the sleeve into the cup as shown in Fig. 4. The sleeve 3 is closed at its lower end by means of a part 4 which is removably attached to the sleeve. The sleeve 3 may or may not be made closed at its upper end. In the form shown in the drawing it is made closed at its upper end so as to reinforce the cup 5. When the sleeve is made closed at its upper end the cup 5 may be omitted if desired. If the sleeve is not made closed at its upper end the cup 5 closes the upper end of the sleeve 3. The part of the container 55 above the cover may serve as a handle for lifting

the cover 2 from the body 1. 6 represents a humidifying element or moistener, which may be of any suitable material which will hold and give off moisture. One or more passages 7 are provided leading from the interior of the moistening agent container to the interior of the humidor body 1.

I may also provide valve means whereby the passages 7 can be closed. This I do most conveniently by making the parts 3 and 4 relatively movable and by providing each of them with one or more holes which can be caused to register with corresponding holes in the other of said parts to form the passages 7 leading from the interior of the moistening agent container to the interior of the humidor body 1. The parts 3 and 4 are preferably in the form of hollow cylinders fitting one within the other with a considerable longitudinal overlap. The cylinder 4 which forms the bottom of the container is closed at its lower end. The holes forming the passages 7 are preferably formed in the overlapping parts of the cylinders 3 and 4.

The parts 3 and 4 may be connected by any suitable means. In the drawing I have shown them connected by means of a bayonet lock consisting of a bayonet slot 8 in the overlapping wall of one of the cylinders 3 and 4 which may be engaged by a stud 9 on the overlapping wall of the other of the cylinders 3 and 4. In the form shown in the drawing the slot 8 is in the cylinder 3 and the stud 9 is on the cylinder 4. It will be understood that the cylinders 3 and 4 may be disconnected and the humidifying element 6 may be inserted in the container 3—4, whereupon the parts 3 and 4 may be reconnected by means of the bayonet lock. Suitable indicating means such as an arrow 10 may be provided on the outside of the container 3—4 to show the position of the stud 9 so that it may be assembled in the slot 8.

In the form shown in the drawing the passages 7 are opened and closed by relative rotation of the members 3 and 4 which together form a valve for controlling these passages. Means are provided for holding this valve at any desired setting until it is desired to reset the same. For this purpose I form a series of serrations 11 in the overlapping wall of one of the parts 3 and 4. The serrations 11 are adapted to be engaged by a detent 12 on the overlapping wall of the other of the parts 3 and 4. In the form shown in the drawing the serrations 11 are formed in the cylinder 3 and the detent 12 is on the cylinder 4. The cylinder having the detent 12 (in the form shown in the drawing, the cylinder 4)

has intersecting slots 13 cut in the side wall thereof on each side of the detent 12 so that the detent will have sufficient spring to resiliently engage the serrations 11.

5 In the type of humidor shown in the drawing in my Patent No. 1,704,908 the handle for lifting the cover from the body is also the handle which controls the setting of the valve which regulates the passages leading from the interior of the
10 moistening agent container to the interior of the humidor body. Because of this, it may happen that the valve setting will be accidentally changed when removing or replacing the cover. Difficulty is also encountered in cleaning the inside of the
15 bottom of the container for the moistening agent. It will be readily seen that with the controlling means for the valve positioned within the humidor body as shown in the drawing annexed hereto there is no likelihood of accidental change
20 in the valve setting. It will also be readily seen that by making the bottom part 4 of the container so that it is readily removable from the cover 2, as I have done in the structure shown in the present drawing, I have facilitated the
25 cleaning of the inside of the bottom of the container 3—4.

While the invention has been described in considerable detail and one specific form shown in the drawing, it is to be understood that the invention may be otherwise embodied and employed in connection with humidors and the like of various types other than that herein shown.

I claim:

1. A humidor body, a cover therefor, a hollow cap integral with said cover and extending upwardly from the central portion thereof, said cap serving as a rigid handle for said cover, a sleeve extending into said cap and fitting therein friction-tight and also extending partly below said
40 cap, the upper end of said sleeve reinforcing the sides of said cap, and a valve rotatably mounted on the inner portion of said sleeve for opening and closing a ventilating passage connecting the space within the sleeve with the space within the
45 humidor body.

2. A humidor comprising, a hollow body open at the top, a cover therefor, a sleeve-like portion mounted rigidly in said cover and extending above and below the same and forming the side
50 wall of a container for a moistening agent, a fixed closure for the upper part of said sleeve, a movable closure for the lower part of said sleeve, said sleeve having a ventilating passage controllable by the last movable closure.

3. In a humidor, a body open at the top, a cover for said top, a rigid, non-rotatable upwardly extending handle mounted on the top central portion of the cover and forming a chamber having an opening at its lower end for the
60 admission of a moistening element, a valve for said opening and a carrier for said valve, said carrier extending into and supported by the inner wall of said handle.

4. In a humidor, a body open at the top, a cover for said top, a rigid, non-rotatable upwardly extending handle mounted on the top central portion of said cover and forming one part of a chamber for holding a moistening element, a sleeve-like device supported by the inner wall of
65 said handle and forming another part of said chamber and having one or more side openings to permit moisture in said chamber to enter said body, and a valve for said openings.

5. In a humidor, a body open at the top, a cover for said top, a rigid, non-rotatable upwardly extending handle mounted on the top central portion of said cover and forming part of a chamber for holding a moistening element, a sleeve-like device supported by the inner wall
10 of said handle and extending below the same to form a continuation of said chamber and having one or more openings to permit moisture in said chamber to enter said body, and a valve mounted on said device to control the effective size of said
15 opening or openings.

6. In a humidor, a body open at the top, a cover for said top, a rigid, non-rotatable upwardly extending handle mounted on the top central portion of said cover and forming the upper part of
20 a chamber for holding a moistening element, a sleeve-like device supported by the inner wall of said handle and forming a continuation of said chamber and having one or more openings to permit moisture in said chamber to enter said
25 body, the upper part of said handle being recessed, the upper part of said sleeve-like device being expanded into said recess to make said device unremovable from said handle, and means to control said openings.

7. A humidor body, a cover therefor, a container providing a chamber for a moistening element, an inverted cup-shaped extension fixed rigidly on said cover forming one part of said
35 container, a hollow body supported by the inner wall of said cup-shaped extension forming another part of said container, said hollow body also including a valve to control a ventilating passage from the interior of said container to the interior of the humidor body.

8. A humidor body, a cover therefor, a container providing a chamber for a moistening element, an integral inverted cup-shaped extension on said cover forming one part of said container, a hollow body supported by the inner wall of
45 said cup-shaped extension forming another part of said container, said hollow body also including a valve to control a ventilating passage from the interior of said container to the humidor body, and means to resiliently hold said valve in various positions of adjustment.

9. A humidor body, a cover therefor, said cover having a part substantially cylindrical in section and projecting upwardly from the main body portion of the cover, a container carried by said
55 cover and depending into the humidor body, said container providing a chamber for a moistening agent, and said container having an upper part of the same shape as the upper part of the cover and fitting snugly within said upper part, that
60 part of said container depending in the humidor body having a passage leading from the interior of said container to the interior of said humidor body, and said container having a bottom part with means to removably connect the same to the main part of the container whereby a moistening element may be introduced into said container from the inner side of said cover.

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