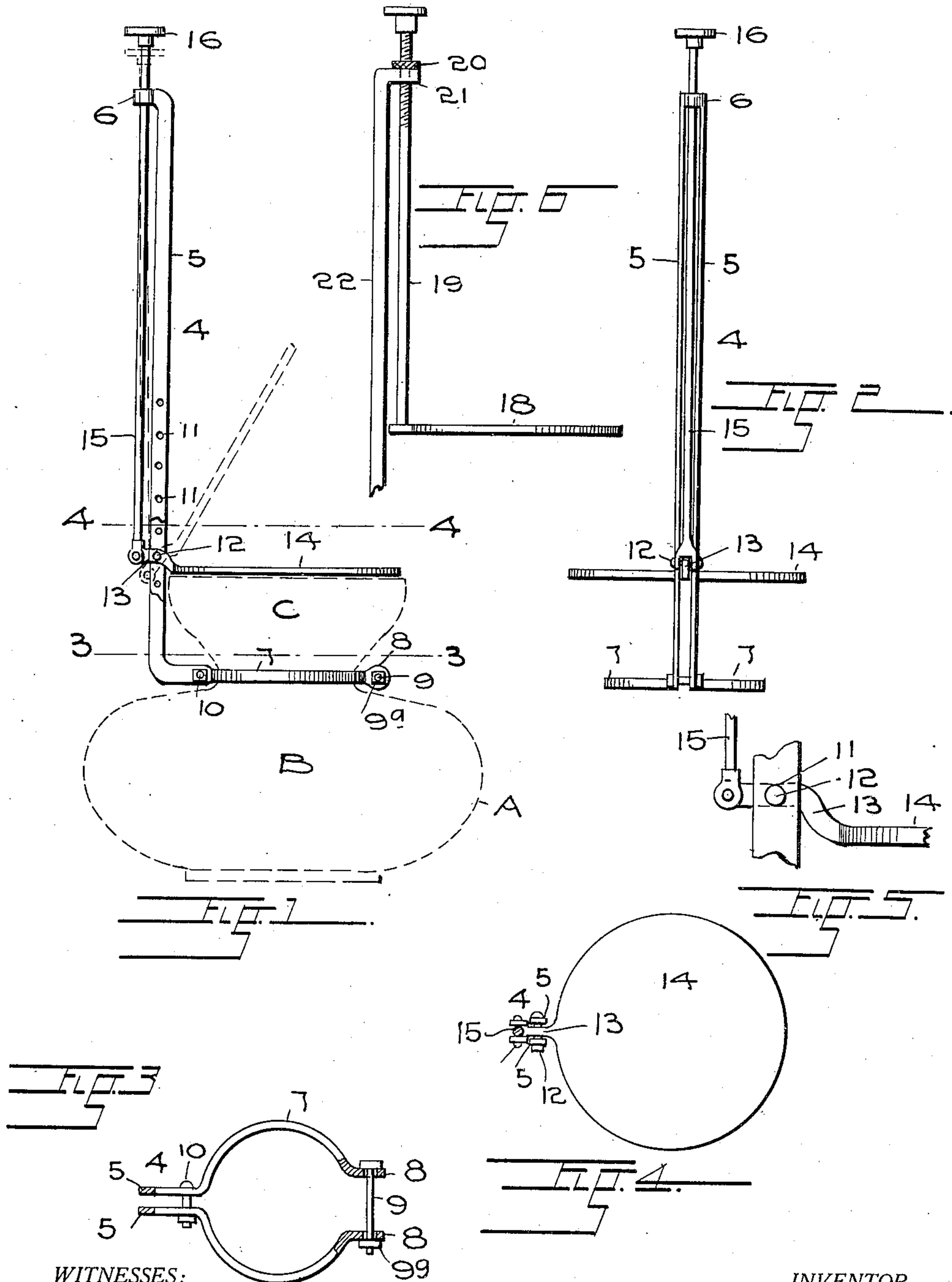


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M. G. MILLER.
ATTACHMENT FOR CUSPIDORS.
APPLICATION FILED OCT. 30, 1907.



WITNESSES:

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MARTHA G. MILLER, OF DENVER, COLORADO.

ATTACHMENT FOR CUSPIDORS.

No. 890,992.

Specification of Letters Patent.

Patented June 16, 1908.

Application filed October 30, 1907. Serial No. 399,796.

To all whom it may concern:

Be it known that I, MARTHA G. MILLER, a citizen of the United States of America, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Attachments for Cuspidors, of which the following is a specification.

My invention relates to attachments for cuspidors and has for its object to provide a device which may readily be attached to a cuspidor irrespective of the latter's size, and which, when thus secured, furnishes an automatically closing lid which, when in its normal position, covers the orifice of the vessel and which may be lifted or removed from the said opening by a simple manipulation of certain parts with which it is associated.

My attachment, which being simple in construction, may be manufactured at a low cost, thus provides means to conceal the unsightly contents of the vessel to which it is secured and to prevent disease and the spreading of contagious maladies due to the evaporation of expectorated matter.

I attain my object by the mechanism illustrated in the accompanying drawings in the various views of which like parts are similarly designated and in which

Figure 1—represents my attachment in position on a cuspidor, Fig. 2—a side view thereof, Fig. 3—a section taken along a line 3—3, Fig. 4—a section along a line 4—4, Fig. 5—a fragmentary enlarged view of the pivotal connections of the lid and the upright included in the device, and Fig. 6—a modified form of construction.

My attachment consists of an upright 4 comprising two parallel members 5, the upper ends of which are united to form a guide sleeve 6 and whose lower extremities terminate in laterally extending curved jaws 7 which coöperatively constitute a clamp by means of which the device may be secured to a cuspidor.

The jaws 7 terminate in substantially parallel flanges 8 provided with apertures for the admission of a bolt 9 by means of which the two members of the clamp are drawn together after the attachment has been placed in position on the vessel. A second bolt 10 is applied at the juncture of the upright 4 and the clamping element to prevent spreading of the members of which they are composed.

The members 5 of the upright 4 are provided with a series of vertically arranged,

registering apertures 11 respectively adapted to admit a bolt 12 which, when thus secured, provides a fulcrum for a short lever 13 one arm of which terminates in a preferably circular, flat lid 14, while its opposite extremity is pivotally connected with the lower end of a rod 15 which extends through the before named guide sleeve 6 and is provided at its upper extremity with a knob 16.

The device is attached to the vessel, which in Fig. 1 is shown in broken lines A, by bending the jaws 7 of the clamping members, which are composed of pliable material, around the neck which joins its bowl B with its outwardly flaring mouth C, after which a nut 9^a is screwed upon the bolt 9 until the said clamping member is rigidly secured.

The fulcrum bolt 12 is now projected through the aperture in the lever 13 of the lid 14 and through the apertures in the members 5 of the upright 4 which are nearest to the upper edge of the mouth C of the vessel and the rod 15 being inserted through the sleeve 6, is pivotally connected with the outer extremity of the lever.

When the various members comprised in my attachment are thus assembled in relation to the vessel A, the lid 14 will, by gravitation, close the mouth C thereof from which position it may readily be removed by pressure upon the knob 16 at the upper end of the rod 15, as is shown in broken lines in Fig. 1 of the drawing.

It is obvious that after the pressure has been released, the lid will automatically return to its normal, closing position.

In the modified form illustrated in Fig. 6, the lid 18 is rigidly connected with the threaded rod 19 and the latter is provided with a nut 20 which rests upon the upper edge of the sleeve 21 on the upright 22. In this case, the lid is removed from the opening of the vessel by rotation of the rod of which it forms part.

Having thus described my invention what I claim is:—

1. An attachment for cuspidors comprising in combination an adjustable clamping element, an upright connected therewith, a closing member fulcrumed on the latter, and a rod vertically slidably mounted on the upright and pivotally connected with an extension of the closing member beyond its fulcrum whereby a downward movement of the rod is transposed into an upward movement of the closing member about its fulcrum.

2. An attachment for cuspidors comprising in combination an adjustable clamping element, an upright connected therewith, a closing member fulcrumed on the latter, a
5 rod vertically slidably mounted on the upright and operatively connected with the closing member, the said upright having means whereby the position of the fulcrum may be vertically changed.
- 10 3. An attachment for cuspidors comprising in combination an upright, cooperative clamping jaws laterally movably connected with its lower extremity, a lid fulcrumed upon the upright and a rod movably mounted on the latter and operatively connected with
15 the lid.

In testimony whereof I have affixed my signature in presence of two witnesses.

MARTHA G. MILLER.

Witnesses:

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