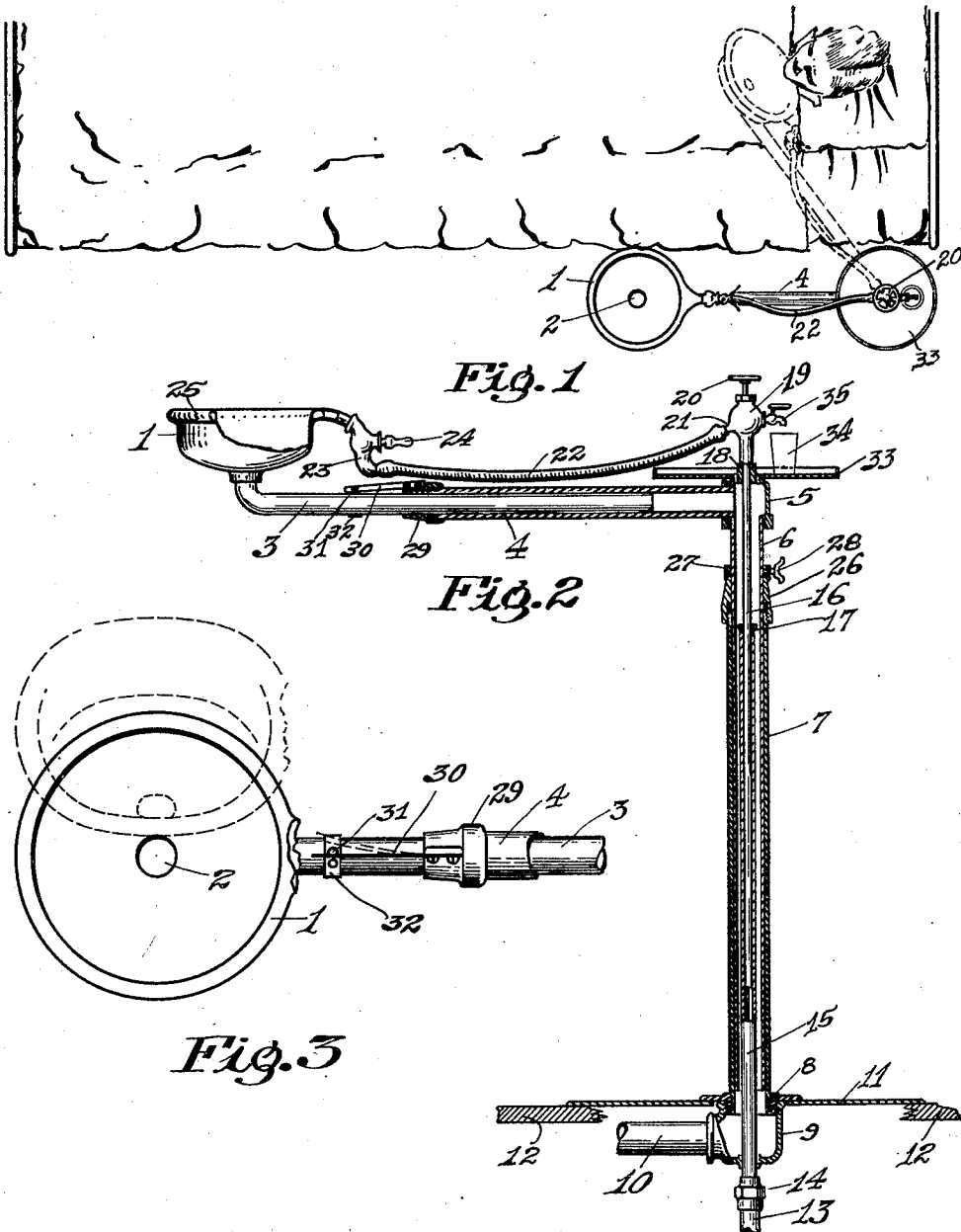


J. T. FOWLER.
ADJUSTABLE FLUSHING CUSPIDOR.
APPLICATION FILED JAN. 29, 1912.

1,030,722.

Patented June 25, 1912.



WITNESSES:

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JAMES T. FOWLER, OF WETUMPKA, ALABAMA, ASSIGNOR OF ONE-HALF TO CHARLES MARDIS, OF WETUMPKA, ALABAMA.

ADJUSTABLE FLUSHING CUSPIDOR.

1,030,722.

Specification of Letters Patent.

Patented June 25, 1912.

Application filed January 29, 1912. Serial No. 674,132.

To all whom it may concern:

Be it known that I, JAMES T. FOWLER, a citizen of the United States of America, residing at Wetumpka, in the county of Elmore and State of Alabama, have invented certain new and useful Improvements in Adjustable Flushing Cuspidors, of which the following is a specification.

My invention relates to a novel sanitary and adjustable cuspidor particularly designed and adapted for hospital service.

One object of my invention is to mount the cuspidor on its drain pipe for a support and to make the support adjustable so that the cuspidor can be swung over the bed or out of the way against the wall.

A further object is to adapt the bowl of the cuspidor to be tilted on its support for the more convenient use of the patient.

A still further object consists in the provision of means to flush the cuspidor and drain it with a minimum expense.

My apparatus may also be adapted to supply water at each cot for drinking or other uses without a substantial increase in cost which will prove a great advantage in hospital service.

My invention further comprises the details of construction and arrangement of parts hereinafter more particularly described and claimed, reference being had to the preferred embodiment of my invention illustrated in the accompanying drawings, in which:—

Figure 1 is a plan view of my invention showing the cuspidor in dotted lines in position of use. Fig. 2 is a side elevation of the cuspidor with the pipe connections shown partly in vertical sectional elevation. Fig. 3 is a detail plan view of the cuspidor proper, showing the spring means for maintaining it in upright position.

Similar reference numerals refer to similar parts throughout the drawings.

According to the drawings, the cuspidor is formed by a bowl 1 of any suitable material which is provided with a bottom outlet 2 in which is connected a section of drain pipe 3 which is preferably of light nickel construction and which is bent at right angles so that its horizontal body portion may be telescoped into a pipe 4 which is threaded at its inner end into a three-way fitting 5. A vertically disposed pipe 6 is threaded into the bottom opening of fitting 5, and tele-

scopes into the hollow pipe standard 7 which extends through a threaded cap 8 and is rigidly held in position in an angle fitting 9 from which a pipe 10 leads to the sewer. The flange of cap 8 rests on a plate 11 connected to the flooring 12. A water supply pipe 13 is connected by a union 14 with a pipe 15 which passes up through the bottom of fitting 9 with a tight joint and projects up into pipe 7, its upper end being open to receive a smaller pipe 16 which telescopes thereinto with a close sliding fit. Packing 17 at the top of the pipe 15 prevents the leakage of water without interfering with the vertical or rotatory adjustments of pipe 16, which at its upper end, passes through a cap 18, closing the top of the fitting 5, and is there connected to the valve casing 19. The valve in casing 19 is of any suitable character and can be operated by its stem 20. The valve casing has a short outlet pipe 21 which connects by means of any suitable type of flexible hose 22 with a pipe 23 provided with a valve therein controlled by the compression handles 24 and adapted to deliver water to an annular channel 25 surrounding the top of the cuspidor and provided with numerous openings adapted to discharge water into the bowl to flush it. The pipe 7 has a reducing sleeve 26 screwed to its upper end and adapted to make a close sliding fit with pipe 6. A stop collar 27 is adjustably held on pipe 6 by a set screw 28 and is adapted to turn on sleeve 26, thereby securing the desired vertical adjustment of the apparatus. The pipe 3 supporting the cuspidor is left free to turn in the pipe 4, and a reducing sleeve 29 is fixed on the pipe 4 and holds packing about the joint to prevent leakage. A flat spring 30 is connected to sleeve 29 and is adapted to engage between a pair of lugs 31 on a collar 32, which is adjustably held on pipe 3. This spring will permit the cuspidor to be tilted for the patients use and will automatically return it to initial position.

To further increase the usefulness of my apparatus, I provide a stand 33 which is mounted on the top of the fitting 5 and is adapted to support medicine bottles or a glass 34 in which water may be drawn by the cock 35 from casing 19.

In use, the apparatus is preferably located near the head of a bed and adjusted to the proper height for the use of the pa-

tient, who can grasp pipe 4 and swing the cuspidor over the bed, after which bowl 1 may be tilted as shown in dotted lines Fig.

1. The valve 24 is operated to flush the bowl after use, the valve controlled by stem 20 standing normally open. The water flushes out through the pipes 3, 4 and 6 to the drain pipe 10. When not in use the bowl can be swung around against the wall and out of the way, leaving the table and water cock in position for convenient use.

This apparatus makes an exceedingly useful and sanitary sick room fitting.

What I claim as new and desire to secure by Letters Patent, is:—

1. In an apparatus of the character described, a drain pipe beneath the floor, a hollow standard connected with said drain pipe, a pipe which is telescoped in and rotatably supported by said standard and has a horizontal portion, a cuspidor, a longitudinally adjustable drain pipe therefor adapted to support the cuspidor and to telescope into the horizontal portion of the drain pipe,

an adjustable spring connection between the horizontal telescoping pipes which is adapted to yieldingly hold the cuspidor upright, a water supply pipe comprising a flexible portion, a flushing means for the cuspidor, and valve controlled means to supply water from said pipe to said flushing means, substantially as described.

2. In an apparatus of the character described, a standard formed of telescoping sections of piping, the upper section having a horizontal pipe extension, a cuspidor having a drain pipe adjustably connected to said horizontal pipe to both slide lengthwise of and to turn about a horizontal axis, and a spring connection between said latter telescoping pipes which yieldingly holds the cuspidor in upright position.

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

JAMES T. FOWLER.

Witnesses:

NOMIE WELSH,

R. D. JOHNSTON, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."