

P. F. GATTO.
CUSPIDOR.

APPLICATION FILED SEPT. 23, 1910.

995,859.

Patented June 20, 1911.

Fig. 1.

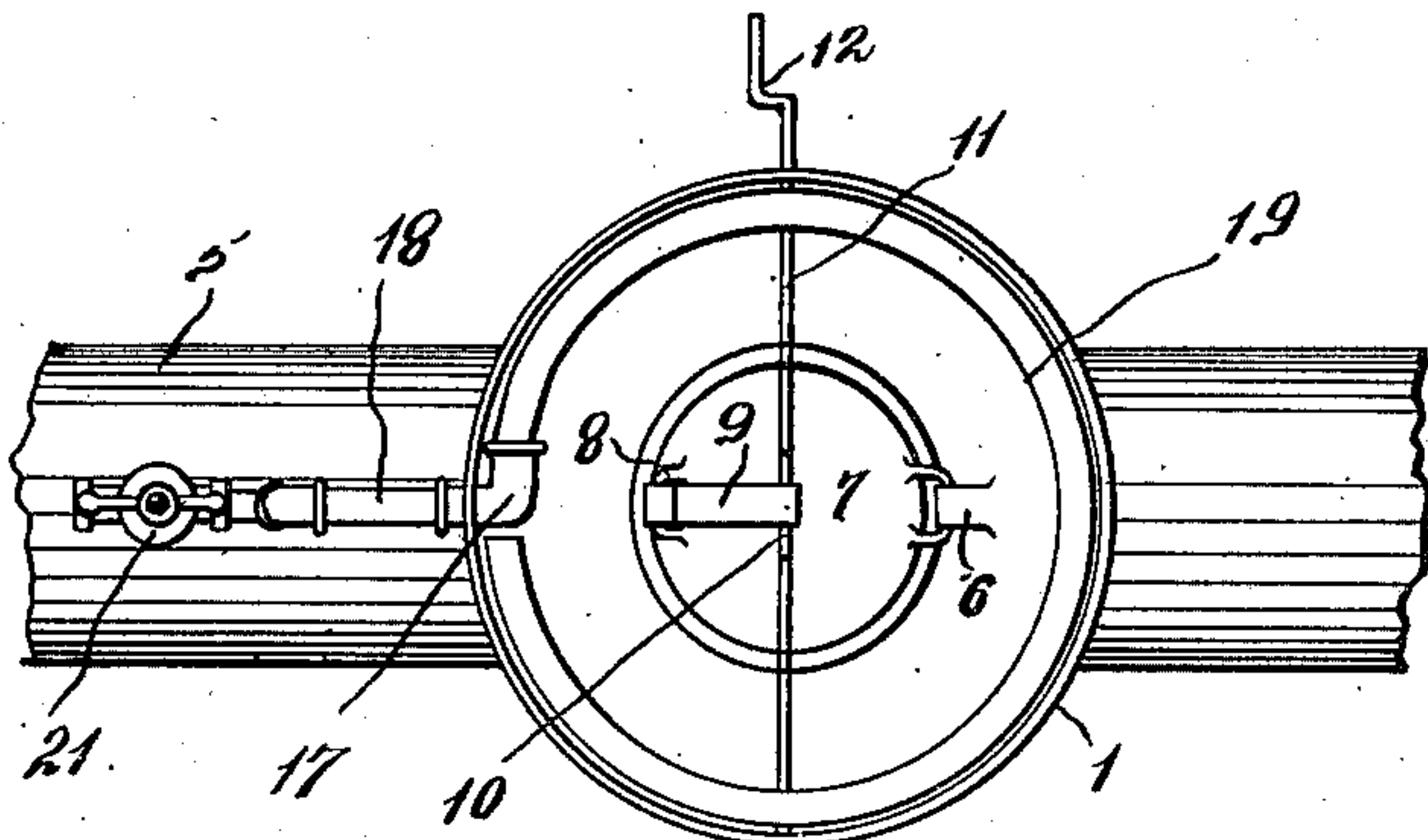


Fig. 2.

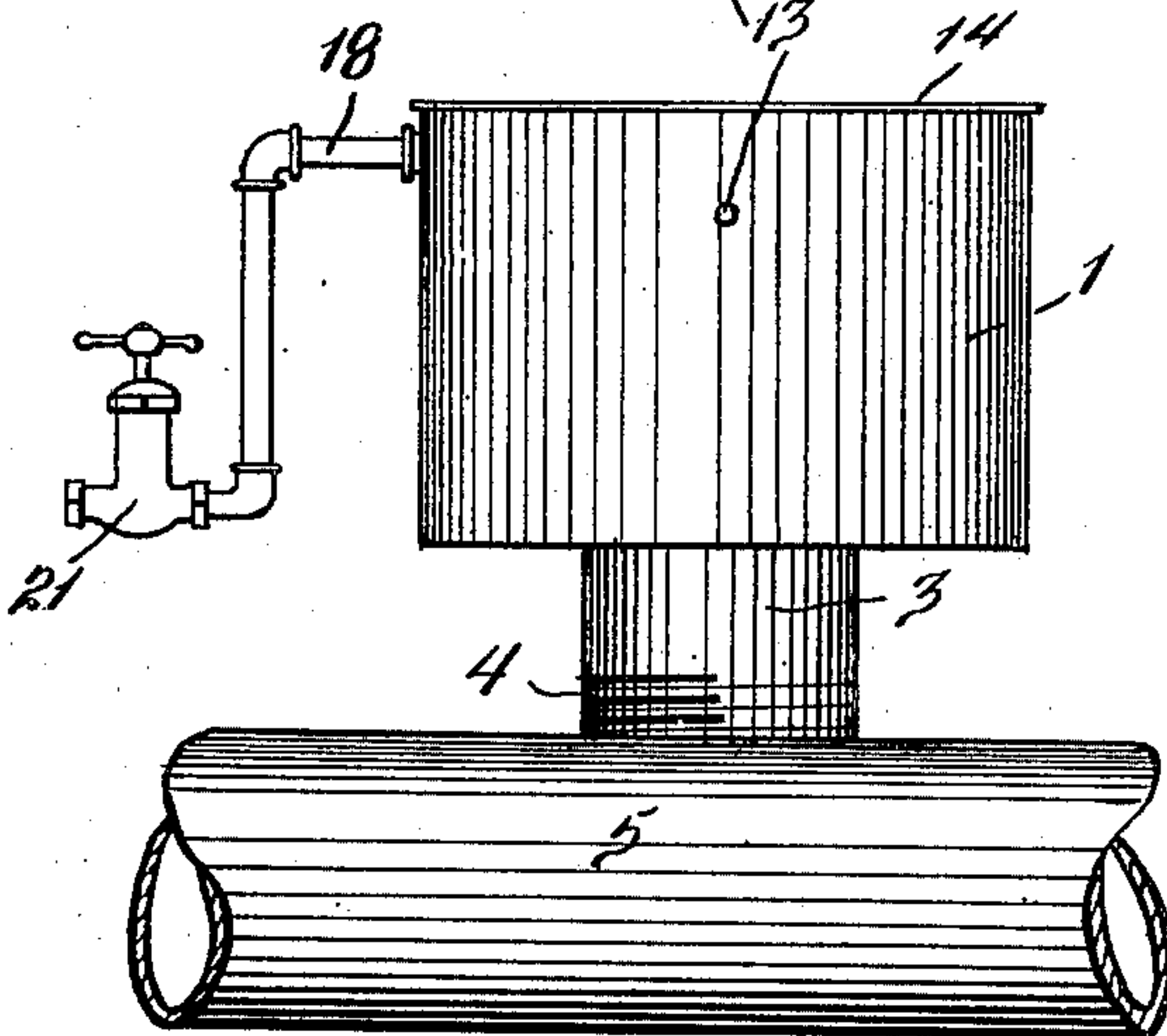
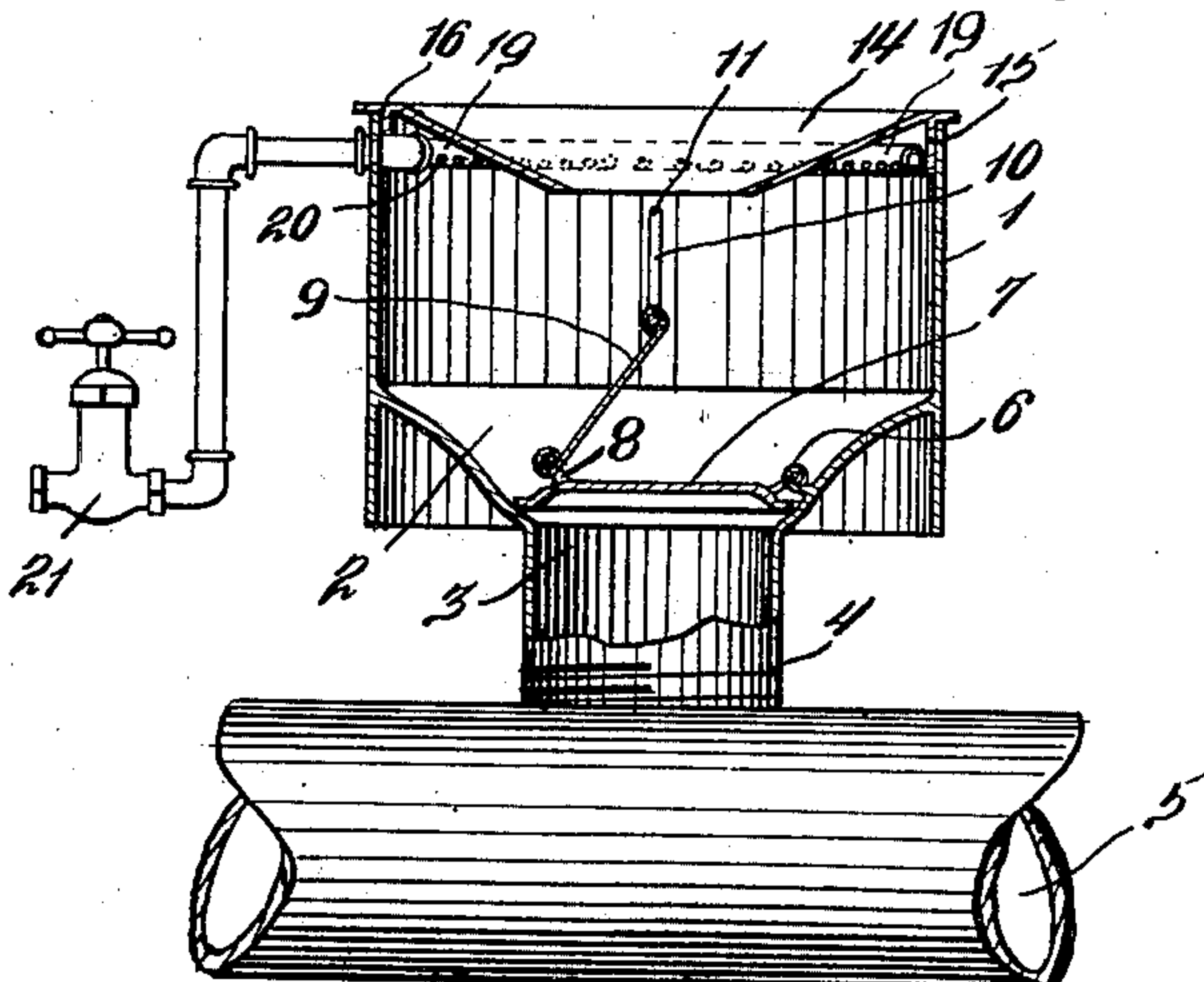


Fig. 3.



WITNESSES
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CUSPIDOR.

995,859.

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Application filed September 23, 1910. Serial No. 583,360.

To all whom it may concern:

Be it known that I, PETER F. GATTO, a citizen of the United States of America, residing at Wilmerding, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to cuspidors, and the primary object of my invention is to furnish a cuspidor with positive and reliable means for retaining the same in a sanitary condition.

15 Another object of the invention is to provide a cuspidor that can be advantageously used in saloons, restaurants, depots, hotels and other public places where a large amount of filth is liable to accumulate in a cuspidor.

20 A further object of this invention is to provide a stationary cuspidor with a novel flushing device that can be operated from time to time to remove filth and other matter that might accumulate in the cuspidor.

25 A still further object of this invention is to provide a cuspidor that is simple in construction, durable, inexpensive to manufacture and highly efficient for the purposes for which it is intended.

30 With the above and such other objects in view as may hereinafter appear, the invention consists of the novel construction, combination and arrangement of parts to be hereinafter specifically described and then claimed.

35 Reference will now be had to the drawing forming a part of this specification, wherein there is illustrated a preferred embodiment of the invention, but it is to be understood that the structural elements thereof are susceptible to such changes as fall within the scope of the appended claim.

40 In the drawing:—Figure 1 is a plan of the cuspidor, Fig. 2 is a side elevation of the same, and Fig. 3 is a vertical sectional view of the cuspidor.

45 A cuspidor in accordance with this invention comprises a cylindrical shell 1 having the inner wall thereof at a point removed from the lower edge of said shell provided with a funnel-shaped bottom 2 terminating in a down pipe 3, which is exteriorly screw threaded, as at 4, whereby the down pipe
50 can be screwed into a suitable drain or soil pipe 5. The shell 1 is adapted to be located

in a floor while the drain or soil pipe 5 is located beneath the floor.

Pivotally connected to the funnel-shaped bottom 2, as at 6 is a valve or lid 7 for closing the upper end of the down pipe 3. 60 The valve or lid 7 opposite the pivot point thereof is provided with an eye 8 and pivotally connected to said eye is a link 9. This link is connected to the crank 10 of a shaft 11 journaled in the side walls of the shell 1, said shaft having one end thereof provided with a handle or knob 12, whereby the shaft can be moved, and the other end provided with a head 13 adapted to retain the shaft in the shell 1. 65 70

Fitted in the upper end of the shell 1 is a funnel-shaped mouth-piece 14 having a depending flange 15 adapted to fit in the upper end of the shell 1. The flange 15 is cut away, as at 16 to provide clearance for an elbow 17 mounted upon the end of a water supply pipe 18 extending into the shell 1. 75 The elbow within the shell 1 supports a circular flushing pipe 19 having the lower side thereof provided with equally spaced apertures or openings 20. The end of the circular pipe 19 adjacent to the elbow 17 being closed. The outer end of the water supply pipe 18 is provided with a valve or cock 21 employed for controlling the supply of water 80 to the cuspidor. 85

The valve or lid 7 prevents solid matter, as portions of cigars, paper and other matter from entering the down pipe 3 until the cuspidor is supplied with sufficient water to 90 thoroughly flush the funnel-shaped bottom 2, the down pipe 3 and the drain or soil pipe 5. In some instances the funnel-shaped mouth-piece 14 can be removed and the solid matter removed from the cuspidor before it is flushed. 95

To flush the cuspidor, it is only necessary to turn on the water supply and the inner walls of the shell 1 and the funnel-shaped bottom 2 will be thoroughly flushed of all 100 matter as the lid 7 is open. By leaving the water turned on for a short period of time the drain or soil pipe 5 will be thoroughly flushed, thus preventing matter from accumulating that would cause fumes and gases 105 to escape from the cuspidor should the lid or valve 7 be left open, and with the lid or valve closed it is impossible for fumes or gases to be admitted from the drain or soil pipe 5. 110

What I claim is:—

A cuspidor comprising a cylindrical shell,
a funnel-shaped member constituting a bot-
tom for the shell, said member secured to
5 the inner face of the shell at a point above
the lower end thereof, said shell completely
inclosing said member, a down pipe having
its upper end attached to and opening into
said member and further depending below
10 the bottom of said shell, a valve arranged
within and hinged to said member at the
lower end thereof and adapted to close the
upper end of the down pipe, a transversely-
extending shaft journaled in said shell and
15 projecting therefrom and having its project-

ing end provided with a crank, a link con-
necting said shaft to said valve whereby the
valve can be operated when the shaft is
rocked, a funnel-shaped mouth piece detach-
ably mounted in the top and depending 20
within the shell, and a circular flushing pipe
arranged within the shell at the top thereof
and surrounding said mouth piece.

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

PETER F. GATTO.

Witnesses:

N. LOUIS BOGAN,
DAVID FURNIER.

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