

(No Model.)

J. R. POWELL.
CUSPIDOR.

No. 568,070.

Patented Sept. 22, 1896.

Fig. 1.

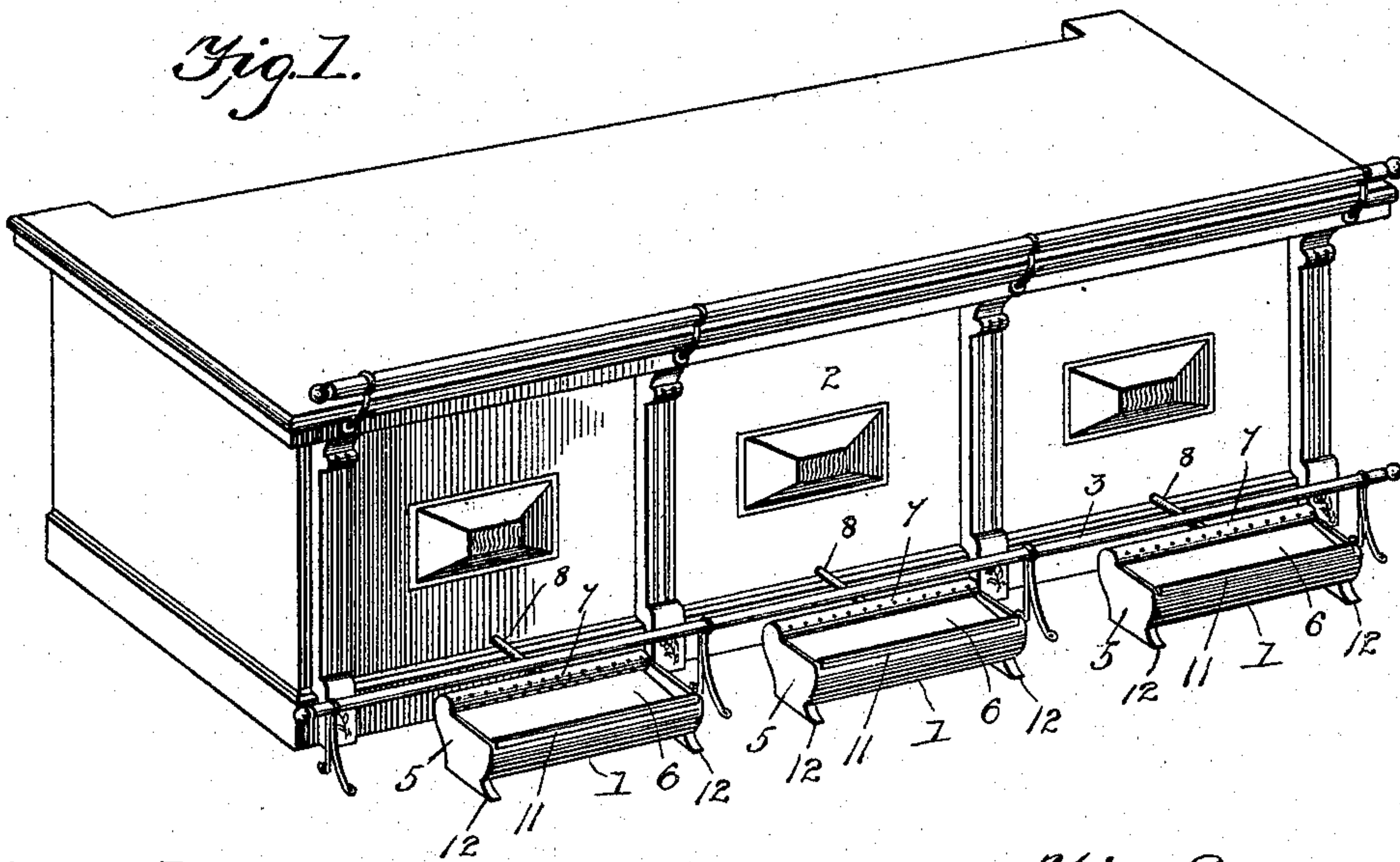


Fig. 5.

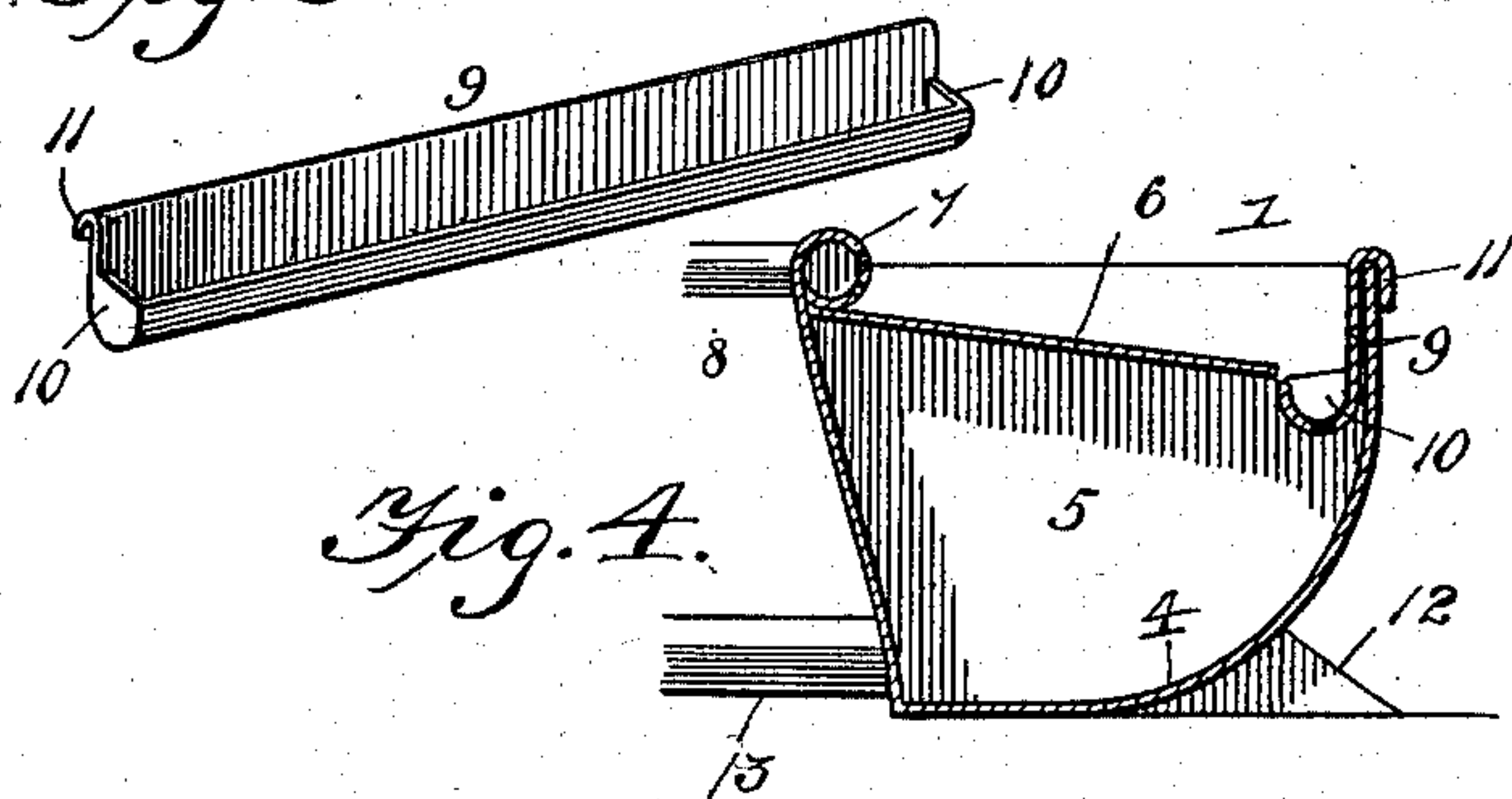


Fig. 2.

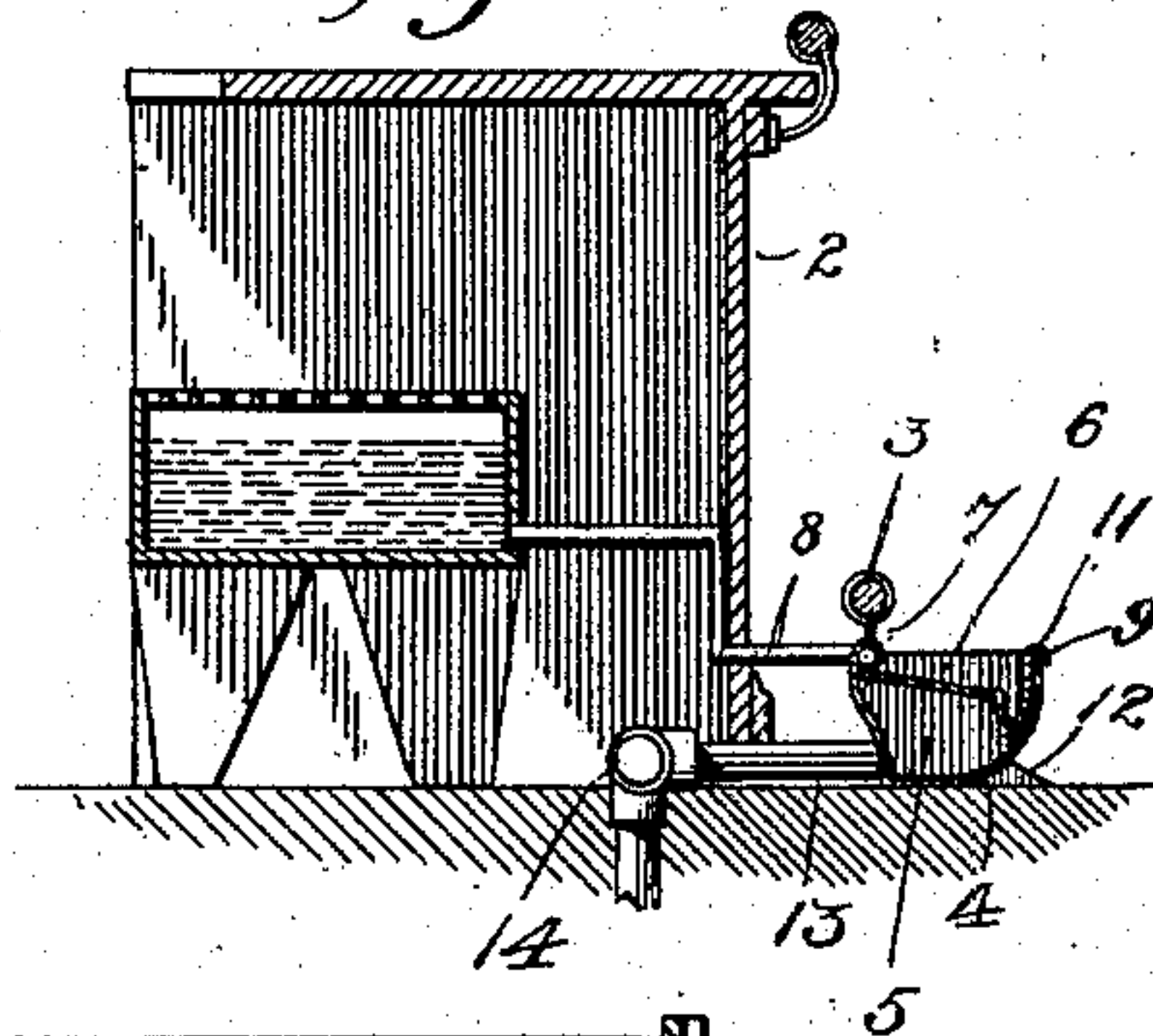


Fig. 4.

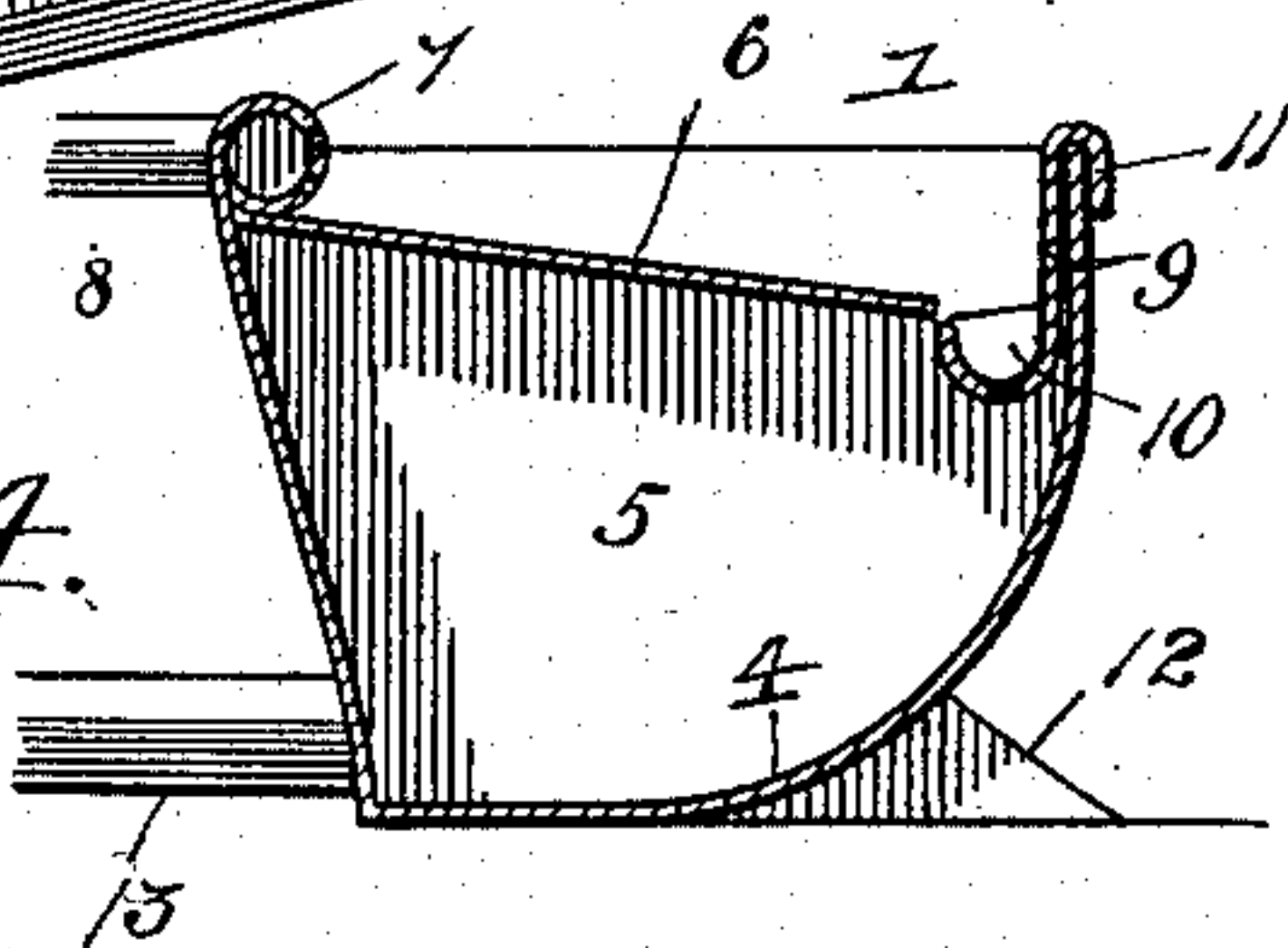
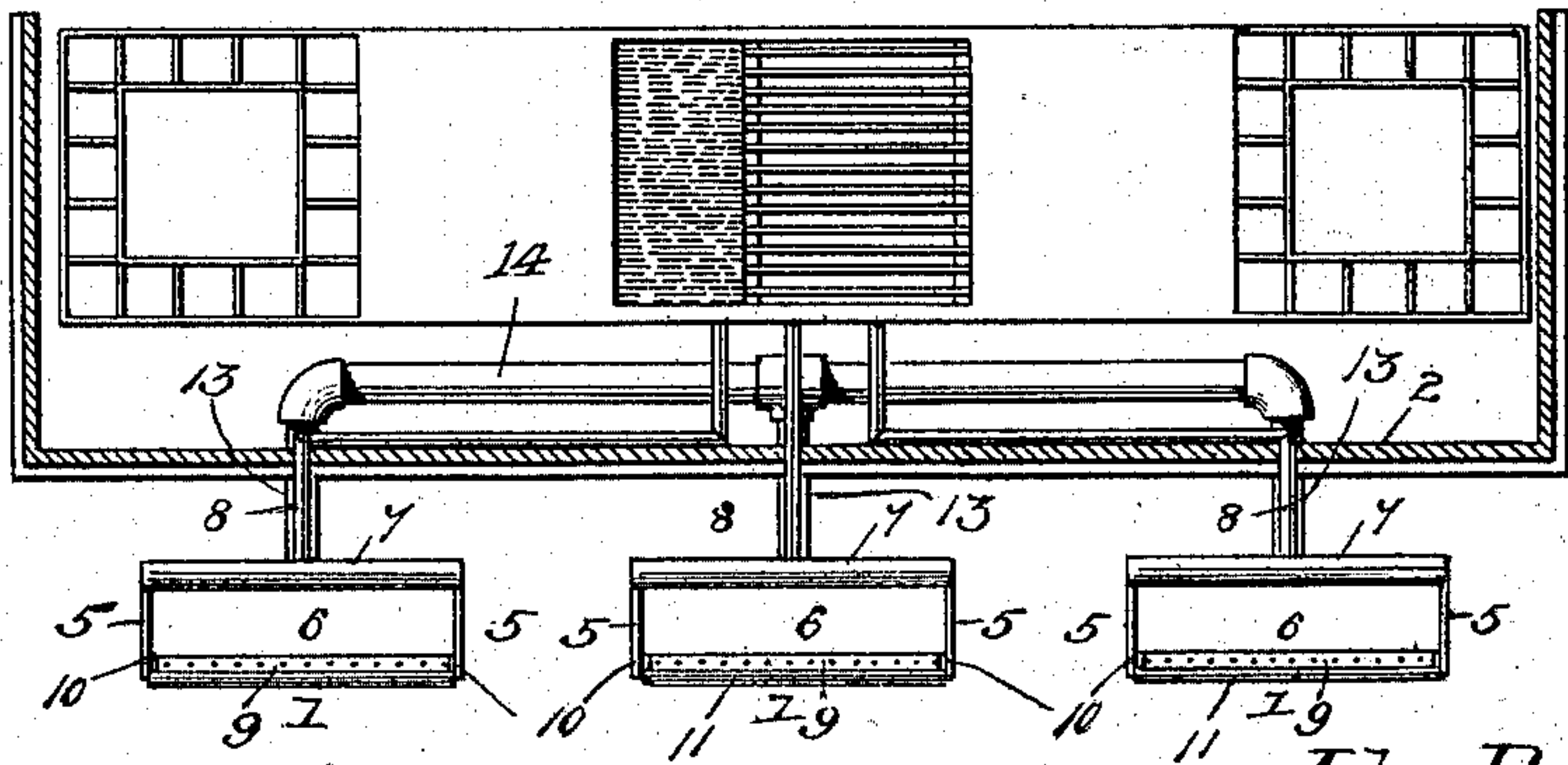


Fig. 3.



Inventor

John R. Powell.

Witnesses

E. A. Monroe
J. F. Riley

By his Attorneys.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

JOHN R. POWELL, OF PLYMOUTH, PENNSYLVANIA.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 568,070, dated September 22, 1896.

Application filed January 21, 1896. Serial No. 576,320. (No model.)

To all whom it may concern:

Be it known that I, JOHN R. POWELL, a citizen of the United States, residing at Plymouth, in the county of Luzerne and State of Pennsylvania, have invented a new and useful Cuspidor for Bar-Rooms, of which the following is a specification.

The invention relates to improvements in cuspidors for bar-rooms and the like.

10 The object of the present invention is to provide for bar-rooms and the like a simple, inexpensive, and efficient cuspidor designed to be placed at intervals in advance of a bar and capable of being flushed and cleaned by
15 water from a bar-sink or other suitable source of supply to avoid the necessity of cleaning it by hand.

A further object of the invention is to prevent the cuspidor from becoming clogged by
20 cigar-stumps and the like, and to enable the same and other accumulation to be readily removed when desired.

The invention consists in the construction and novel combination and arrangement of
25 parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a bar provided with cuspidors constructed in accordance with this invention. Fig. 2 is a vertical sectional view taken transversely of the bar. Fig. 3 is a horizontal sectional view of the bar. Fig. 4 is an enlarged detail sectional view of one of the cuspidors.
30 Fig. 5 is a detail perspective view of the removable trough.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

40 1 designates a series of cuspidors arranged at intervals in advance of a bar 2 and located beneath and extending in advance of the foot-rail 3 of the bar in convenient position for use by persons standing in front of the latter.
45 Each cuspidor is constructed of any suitable material, preferably of sheet metal, and may be of any desired size. It consists of a body having a trough-shaped bottom 4, curved upward at the front of the cuspidor, as shown,
50 and arranged substantially vertical at the back, and ends 5, having their edges conforming to the configuration of the trough-shaped

bottom. An inclined plate or top 6 is arranged within the body of the cuspidor, near the upper edges thereof, and extends downward and forward. It is rigidly mounted in position
55 and is flushed by a perforated pipe 7, disposed longitudinally of the cuspidor at the top and back thereof and connected by a supply-pipe 8 with any suitable source of supply. The
60 supply-pipe 8 may, as illustrated in the accompanying drawings, be connected with a sink of the bar, or a separate service-pipe may be employed.

The expectoration and other accumulation
65 are carried downward on the surface of the inclined top or plate 6 to a removable trough 9, located in the space between the front or lower edge of the inclined top or plate 6 and the front of the cuspidor and forming a depressed
70 continuation of the former. The trough 9, which is disposed longitudinally of the cuspidor and which extends the entire length thereof, is substantially U-shaped in cross-section and has closed ends 10, and it is provided at its bottom with perforations for the
75 passage of liquid matter. By arranging the trough in the space between the inclined top or plate and the front of the cuspidor it completes the top of the cuspidor and absolutely
80 prevents any solid matter from getting into the interior thereof, and such solid matter may be readily removed by detaching the trough from the front of the cuspidor without putting the hand inside of the latter.
85 This trough has at its front edge a downwardly-extending lip 11, which engages the upper edge of the body of the cuspidor, and the trough may be readily detached for the purpose of removing cigar-stumps, matches,
90 and other similar accumulation.

The body of the cuspidor is provided at its bottom with supporting-feet 12, and the inclination of the front portion of the body enables a person to stand sufficiently close to
95 the bar without coming in contact with the cuspidor.

Each cuspidor is connected by a drain-pipe 13 with a waste-pipe 14, arranged within the bar and designed to be suitably connected
100 with a sewer or the like, and the pipes 8 and 13 extend through the front of the bar, suitable openings or perforations being provided for them.

It will be seen that the cuspidor is exceedingly simple and inexpensive in construction, that it is conveniently arranged in relation to a bar, that it is automatically flushed and
 5 cleaned of liquid accumulation, and that cigar-stumps, matches, and the like may be readily removed when desired.

Changes in the form, proportion, and minor details of construction may be resorted to
 10 without departing from the spirit or sacrificing any of the advantages of this invention, such as arranging the waste and service pipes in any suitable manner to adapt the cuspidors to the particular bar with which they are to
 15 be used.

What I claim is—

1. A cuspidor comprising a substantially trough-shaped body, an inclined top or plate extending forward from the rear edge of the
 20 body and terminating short of the front edge of the same, a perforated tube located at the top of the body adjacent to the rear edge of the top or plate, a perforated trough arranged in the space between the front edge of the top
 25 or plate and the front of the body and forming a depressed continuation of the former to complete the top of the cuspidor and exclude all solid matter from the interior of the same, and a drain or waste pipe connected
 30 with the cuspidor, substantially as and for the purpose described.

2. A cuspidor for bars, and the like, comprising a substantially V-shaped body, an inclined top or plate extending forward from
 35 the rear edge of the body and terminating short of the front of the same, a removable

perforated trough located in the space between the front edge of the inclined top or plate and the front of the cuspidor and forming a depressed continuation of the former to
 40 complete the top of the cuspidor and exclude all solid matter from the interior thereof, said trough being detachably connected to the front of the body; and a flushing-pipe located at the back of the inclined top or plate,
 45 substantially as described.

3. A cuspidor comprising a substantially trough-shaped body having an inclined curved front portion and provided with feet, an inclined plate mounted within the body at
 50 the top thereof and terminating short of the front edge of the same, a removable perforated trough substantially U-shaped in cross-section, located in the space between the front of the inclined plate and the front of
 55 the body to complete the top of the cuspidor and exclude all solid matter from the interior thereof and provided at its front edge with a depending lip detachably engaging the front edge of the body, whereby it is remov-
 60 ably suspended within the same between the front of the body and the inclined plate, and a perforated pipe arranged at the top of the inclined plate, substantially as and for the
 65 purpose described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOHN R. POWELL.

Witnesses:

JOHN H. SIGGERS,
 G. C. SHOEMAKER.