

No. 860,901.

PATENTED JULY 23, 1907.

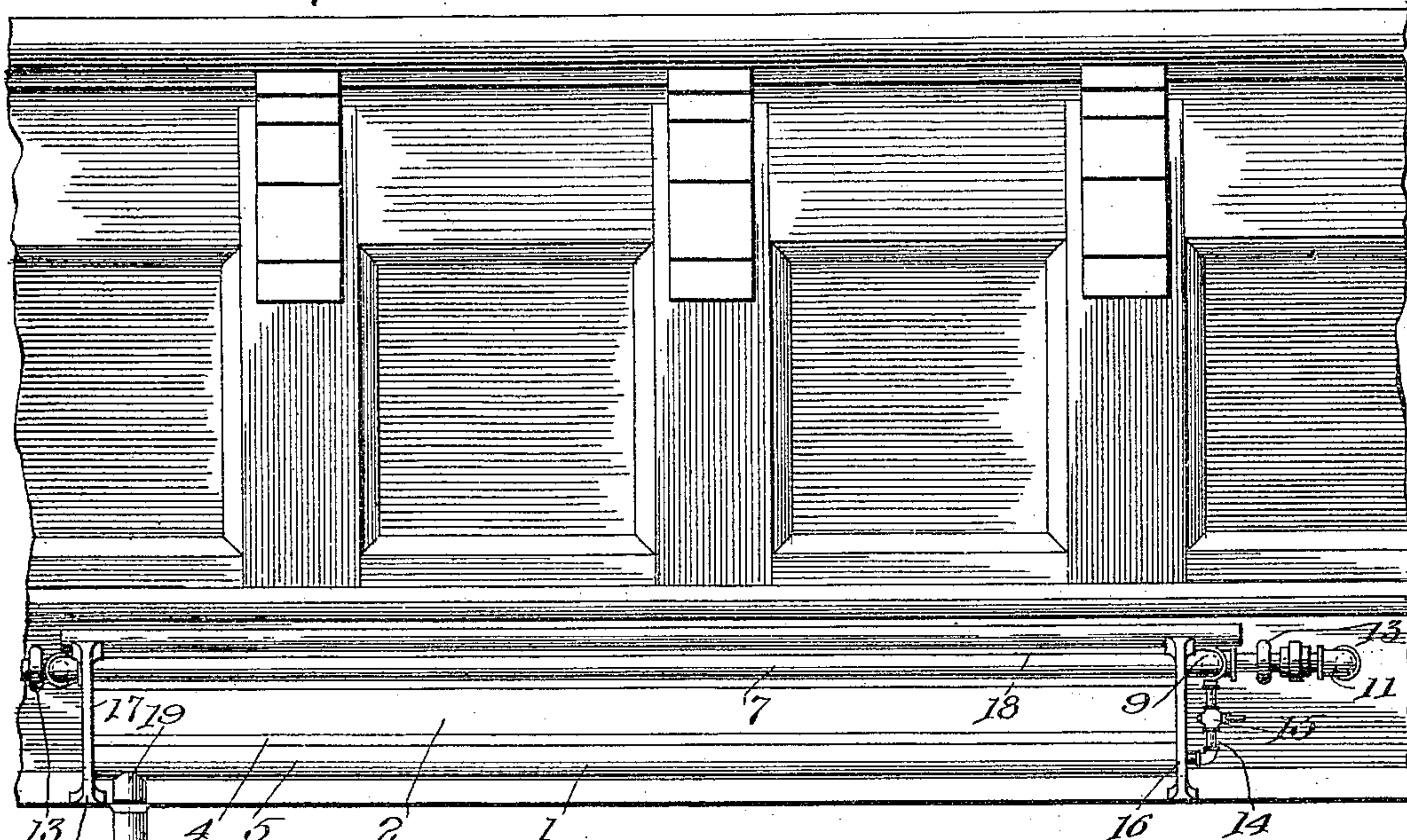
N. N. CHERRY.

CUSPIDOR.

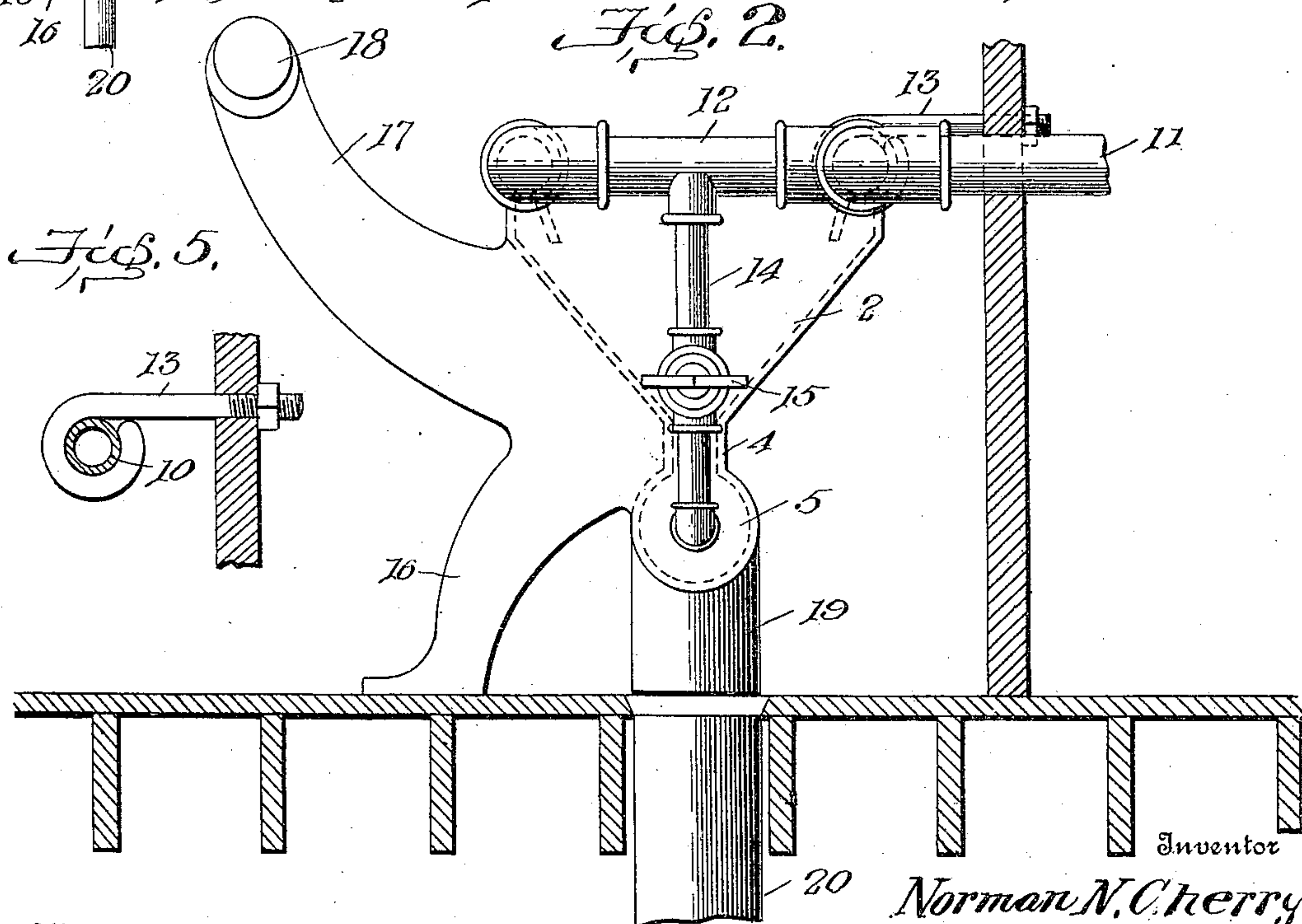
APPLIOATION FILED OCT. 8, 1906.

2 SHEETS—SHEET 1.

Fig. 1.



F. 2.



Witnesses

Howard Walmsley,
Edward Reed

By H. A. Paulson

Attorney

No. 860,901.

PATENTED JULY 23, 1907.

N. N. CHERRY.

CUSPIDOR.

APPLICATION FILED OCT. 8, 1906.

2 SHEETS—SHEET 2.

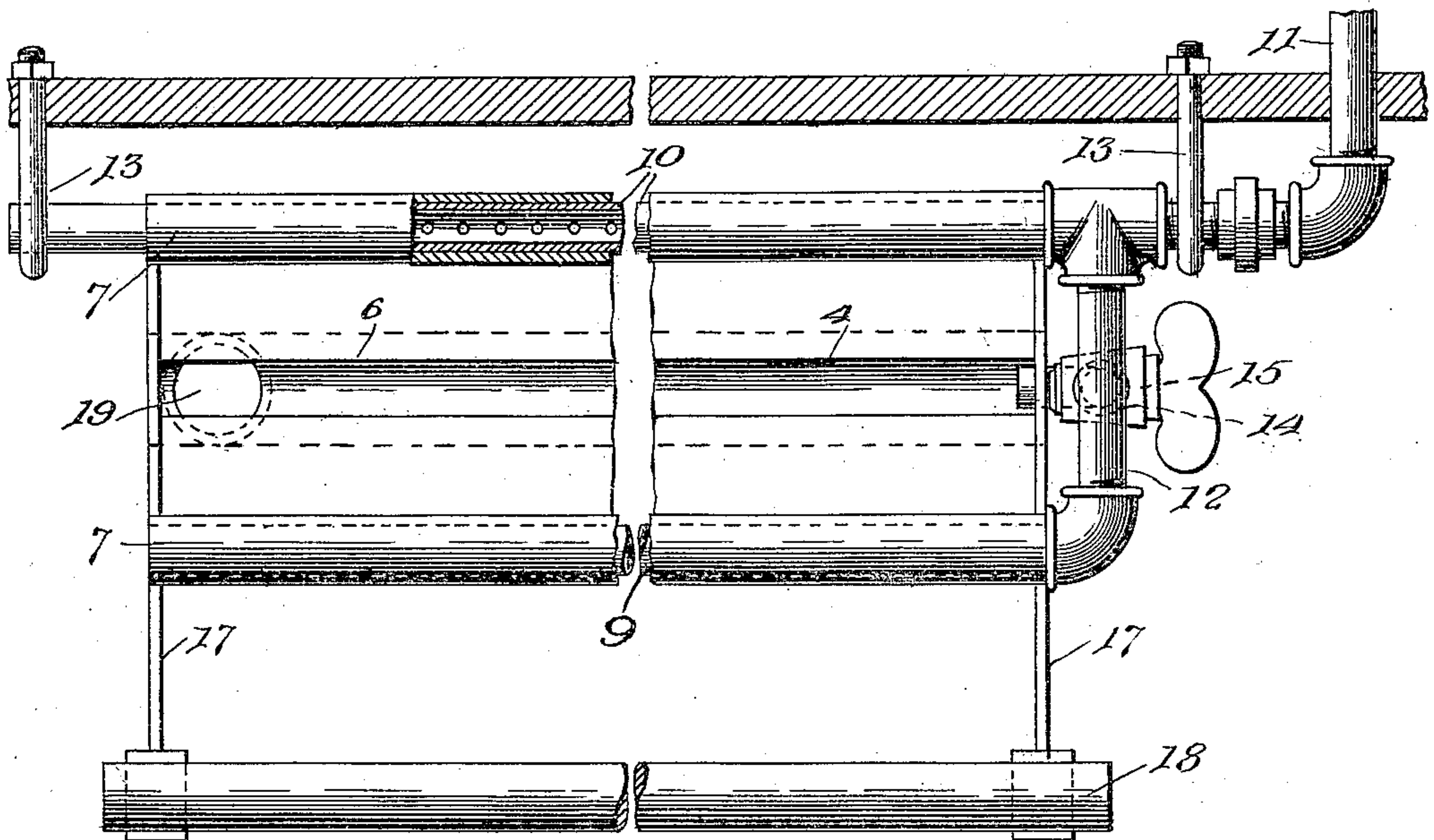
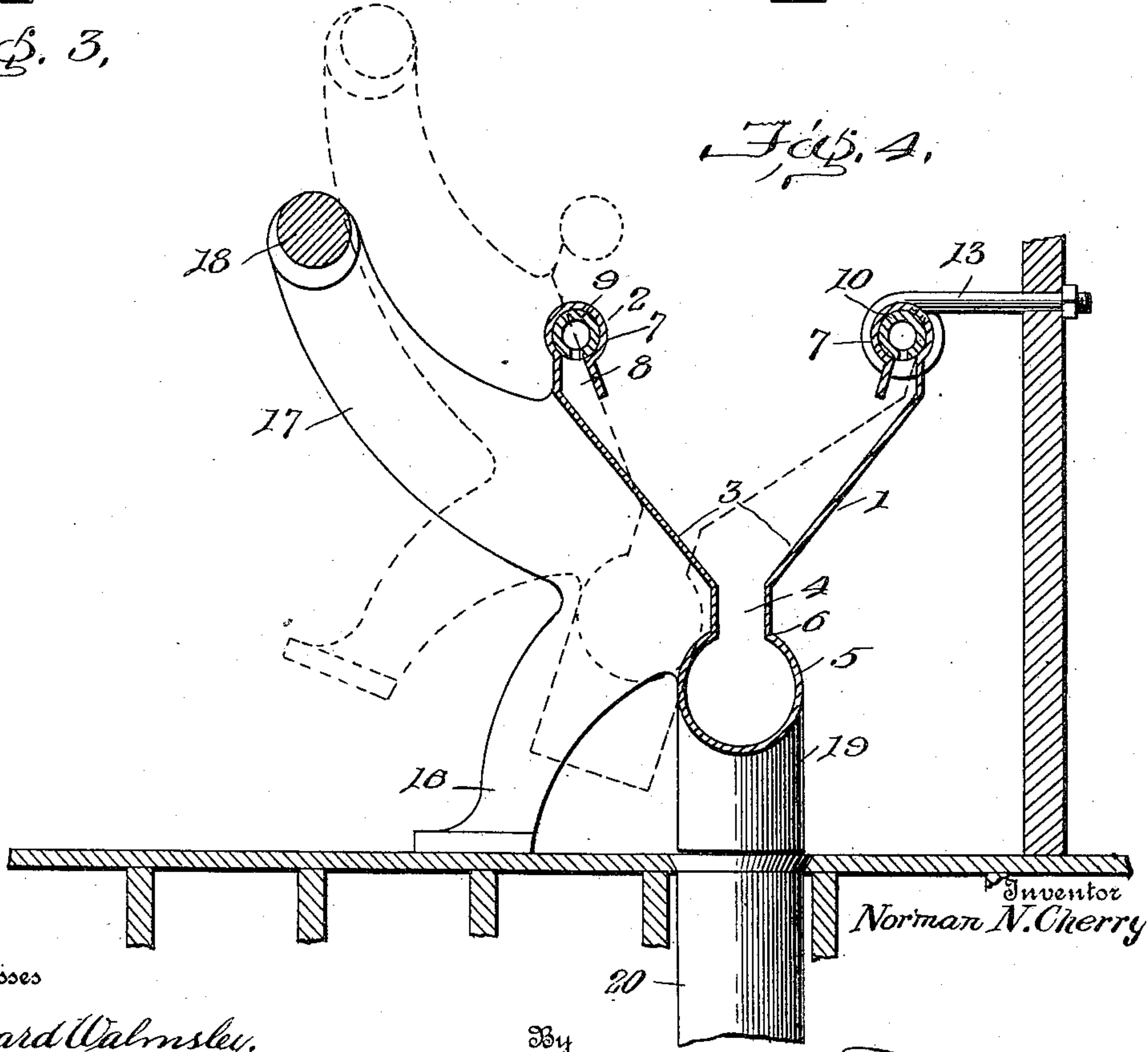


Fig. 3.

Fig. 4.



Inventor
Norman N. Cherry

Witnesses
G. Howard Walmsley,
Edward T. Reed

By

H. A. Faulkner,
Attorney

UNITED STATES PATENT OFFICE.

NORMAN N. CHERRY, OF SPRINGFIELD, OHIO.

CUSPIDOR.

No. 860,901.

Specification of Letters Patent.

Patented July 23, 1907.

Application filed October 8, 1906. Serial No. 337,866.

To all whom it may concern:

Be it known that I, NORMAN N. CHERRY, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Cuspidors, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to cuspidors, and more particularly to that type of cuspidors which are arranged longitudinally of a bar or in similar position, and the object of the invention is to provide such a cuspidor which can be easily flushed and thoroughly cleaned, which will not become clogged with cigar stubs or other refuse, and which will be easily moved to permit access to the floor on all sides thereof.

With these objects in view the invention consists in the construction hereinafter to be described, and then more particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a front elevation of a bar with my cuspidor attached thereto; Fig. 2 is an end elevation of my device attached to the bar; Fig. 3 is a top plan view of the same; Fig. 4 is a transverse section thereof; and Fig. 5 is a detail view of one of the supporting members.

In these drawings, I have shown my device in the preferred embodiment thereof, in which the cuspidor proper is indicated by the reference numeral 1 and comprises an upper or trough portion 2, having downwardly converging sides 3, terminating at their lower edges in a passageway 4, extending longitudinally of the trough portion, preferably for the full length thereof.

Connected to the trough portion 2, by means of the passageway 4, is a lower or drain portion 5, which is preferably tubular in form and of greater diameter than the passageway 4. This drain portion extends beneath the trough portion and parallel thereto throughout its length and is provided along its upper surface with an opening 6 connecting with the passageway 4, and at one end thereof with an outlet passage 19, adapted when in its normal position to register with the drain pipe 20 which is fixed in the floor. The upper edges of the side members 3 of the upper portion 2 are rolled to form tubular passages 7, having an opening 8 adjacent to the inner faces of the side members 3. Within these tubular passages are mounted water pipes 9 and 10 extending throughout the length of the trough portion of the cuspidor and connected with a source of water supply by the pipe 11. In the construction herein shown, which is the one that I prefer, the pipes 9 and 10 are closed at one end and at the opposite end are connected by a cross pipe 12, and the pipe 10 is connected with the supply pipe 11. The pipe 10 preferably extends beyond the ends of the tubular passage 7 and is mounted in bearings 13 which are preferably formed of a bolt extending through the side of the bar, and having an eye at the outer end thereof which

engages the projecting ends of the pipe 10. This connection permits the cuspidor to be swung about the longitudinal axis of the pipe 10, which is connected to the supply pipe 11 by a swivel coupling, thereby raising the lower portion of the same and permitting ready access to the floor beneath and behind the cuspidor. Connected to the cross pipe 12 and extending downwardly is a branch pipe 14 provided with a valve 15 and extending at its lower end into the drain portion 5 of the cuspidor and affording means for flushing this part of the device independently of the upper portion and of the flush pipes 9 and 10. The ends of the trough portion are, of course, closed by suitable plates, and, in my preferred construction, I form these end plates with a downwardly projecting part or leg 16, which rests upon the floor and supports the trough in its proper position relatively thereto, and I also provide the same with a forwardly extending portion 17 which is adapted to support the foot rail 18 which also serves as a handle for swinging the cuspidor about its pivotal support. While I have shown and described these parts 16 and 17 as formed integral with the end plate, they may, of course, be made in any suitable manner and may be disposed at suitable intervals along the side thereof.

In order that the device may properly drain, the same may be mounted with any desired inclination so long as the discharge end thereof is not raised above the level of the opposite end. In the drawings the device is shown in a substantially horizontal position, thereby allowing a small quantity of water to cover the bottom of the drain portion thereof. The desired inclination may be secured in any suitable manner.

I wish it to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modifications will occur to a person skilled in the art.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A device of the character described, comprising an upper or trough portion, and a lower or drain portion extending longitudinally thereof, and a passageway of less diameter than said drain portion extending longitudinally thereof and connecting the same with said trough portion, substantially as described.

2. A device of the character described, comprising a trough portion having downwardly converging side members and a longitudinal opening extending throughout the length of said side members at the lower edges thereof, a tubular drain portion extending parallel with said trough portion and having a longitudinal opening in the upper surface thereof, said opening being connected with the opening in said trough portion, substantially as described.

3. A device of the character described, comprising a trough portion, a flush pipe secured along the upper edge thereof, and means for pivotally supporting said device to allow the same to have a rotary movement about a horizontal axis, substantially as described.

4. A device of the character described, comprising a trough portion having downwardly converging side mem-

- bers, a flush pipe secured along the upper edge of one of these members and extending beyond the ends thereof, and bearings secured to a suitable support and adapted to engage the projecting ends of said pipe and allow the same to move about its longitudinal axis, substantially as described.
- 5
- 10
- 15
5. A device of the character described comprising a trough portion having downwardly converging sides, a drain portion extending parallel thereto and in open communication therewith, end plates closing the ends of said trough and drain portions, flush pipes mounted along the upper edges of said side members, an inlet pipe connected to said flush pipes, a branch pipe connected to said inlet pipe and extending through one of said end plates into said drain portion, and a valve for controlling said branch pipe, substantially as described.

6. In a device of the character described, the combination, with a trough, flush pipes mounted therein, and means connected to one side of said trough for pivotally supporting the same, of end plates adapted to close the ends of said trough, each having a downwardly extending leg formed integral therewith on the side opposite said pivotal support and adapted to support said trough in a horizontal position, and an upwardly extending arm formed integral therewith, and a foot rail carried by said arms, substantially as described.

20

25

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

NORMAN N. CHERRY.

Witnesses:

EDWARD T. REED,
HARRIET L. HAMMAKER.