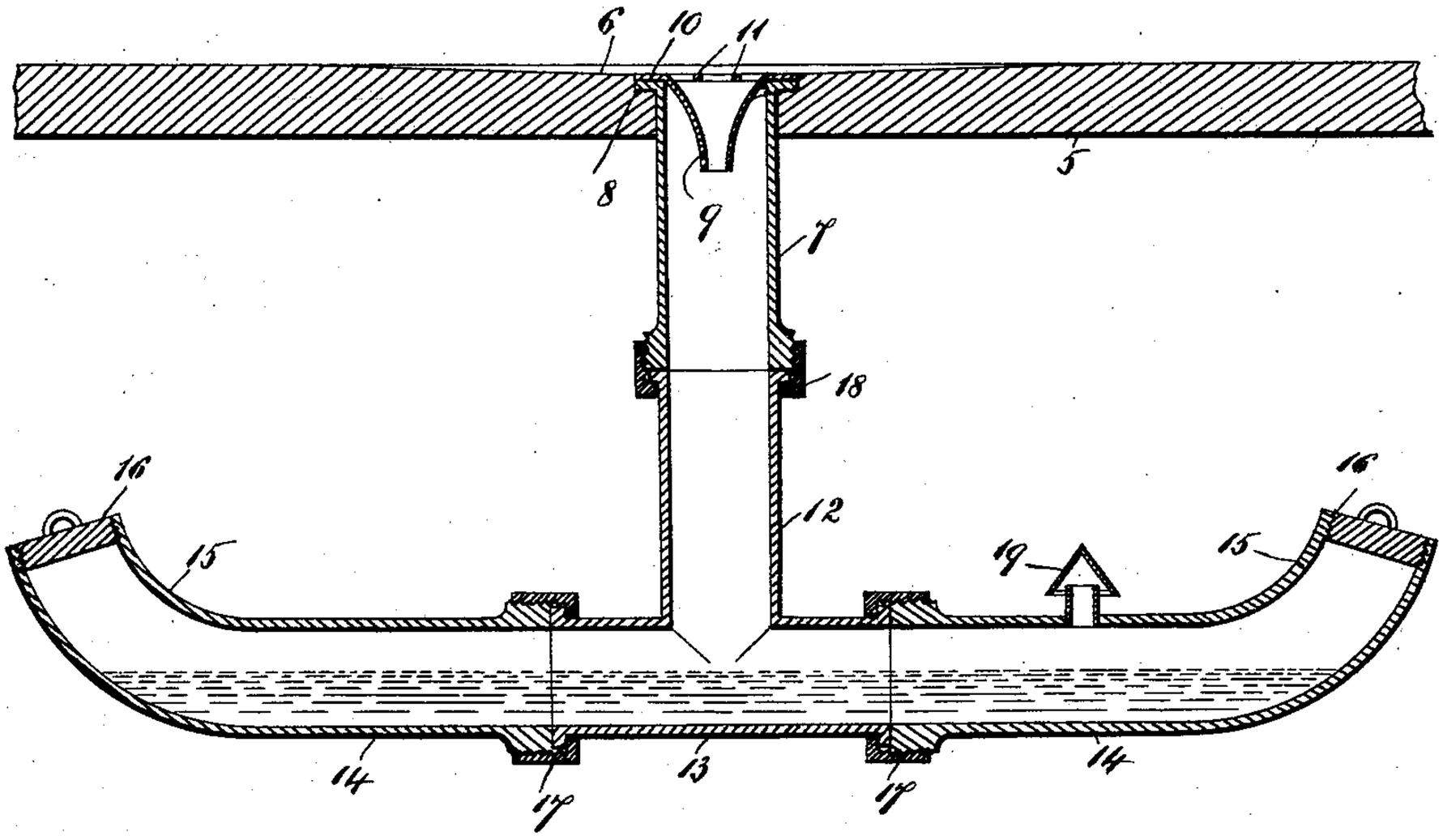
No. 606,647. Patented July 5, 1898.

C. F. CUTTINGHAM.

CUSPIDOR FOR CARS, &c.

(Application filed June 5, 1897.)

(No Model.)



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UNITED STATES PATENT OFFICE.

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CUSPIDOR FOR CARS, &c.

SPECIFICATION forming part of Letters Patent No. 606,647, dated July 5, 1898.

Application filed June 5, 1897. Serial No. 639,533. (No model.)

To all whom it may concern:

Be it known that I, CHRISTOPHER F. CUTTINGHAM, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Cuspidors for Cars and other Conveyances, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to cuspidors for buildings, cars, and other conveyances; and the object thereof is to provide an improved device of this class which is particularly adapted to be connected with the bottom of a car or other conveyance, but which may also be used in dwellings and other structures.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the figure is a sectional view of the bottom of a car with my improved cuspidor connected therewith.

In the drawing forming part of this specification the separate parts of my improvement are designated by numerals of reference, and in said drawing I have shown at 5 a section of the bottom of a car, and in practice the upper surface of the floor at the point where the cuspidor is connected therewith is preferably slightly concave, as shown at 6, and my improved cuspidor consists of a tube 7, which passes through the bottom of the car and which is provided with an annular flange or rim 8, which is countersunk in the upper surface thereof, and placed in the upper end of said tube is a hollow conical attachment 9, the apex of which is directed downwardly, and said attachment is provided with an annular flange or rim 10, which rests on the annular flange or rim 8 of the tube 7 and is also countersunk in the floor 5, and the top of said attachment is provided with cross-bars or a grating 11.

The object of forming the concavity in the upper surface of the floor is to provide means whereby water from umbrellas, melted snow, and other sources will flow into the cuspidor, and the tube 7 is provided with a supplemental tube 12, which is provided at its lower end with a tubular cross-head 13, to each end of which is secured an extension 14, and the ends of the extensions 14 are curved upwardly, as shown at 15, and provided with detachable screw-threaded plugs 16.

The extensions 14 of the tubular cross-head 13 of the tube 12 are detachably connected with said tubular cross-head, as shown at 17, and the pipe 12 is similarly connected with the pipe 7, as shown at 18, these connections being made in a well-known manner, and one of the extensions 14 of the cross-head 13 is also preferably provided on the upper side with a vent 19, and each of said extensions may be similarly provided, if desired.

The operation will be readily understood from the foregoing description when taken in connection with the accompanying drawing and the following statement thereof. The water and other substances pass through the pipes 7 and 12 into the tubular cross-head 13 and the extensions 14 thereof, and whenever it is desired to remove the same from said tubular cross-head and said extensions thereof the plugs 16 are removed and the said extensions may be turned at their connections with the cross-head 13, so that the curved ends 15 thereof will be directed downwardly, or said extensions may be entirely detached from said cross-head, if preferred.

My improved cuspidor for cars and other conveyances is simple in construction and operation and perfectly adapted to accomplish the result for which it is intended, while being also comparatively inexpensive.

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

1. A cuspidor for cars and other conveyances, consisting of a pipe which passes through the floor of the car, and which is provided with a flange or rim which is countersunk therein, said pipe being also provided with a hollow conical attachment the apex of which projects downwardly therein, and the base of which is provided with a flange which is also countersunk in the floor of the car, and said pipe being provided at its lower end with a tubular cross-head with which are connected two tubular extensions the ends of which are curved upwardly, and provided with detachable plugs, said extensions being adapted to be turned in said connections with

said cross-head, substantially as shown and described.

2. A cuspidor for cars and other conveyances, consisting of a pipe as 7, a tubular extension as 12, connected therewith, and provided with a cross-head as 13, and tubular extensions as 14, connected with said cross-head, and the ends of which are curved upwardly, and provided with detachable plugs, substantially as shown and described.

3. A cuspidor for cars and other conveyances, consisting of a pipe as 7, a tubular extension as 12, connected therewith, and provided with a cross-head as 13, tubular extensions as 14, connected with said cross-head, and the ends of which are curved upwardly, and provided with detachable plugs, and the pipe 7, being also provided with a hollow conical attachment in the upper end thereof, the apex of which is directed downwardly, and the base of which is provided with cross-bars, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 2d day of June, 1897.

CHRISTOPHER F. CUTTINGHAM.

Witnesses:

C. GERST,

A. C. VAN BLARCOM.