

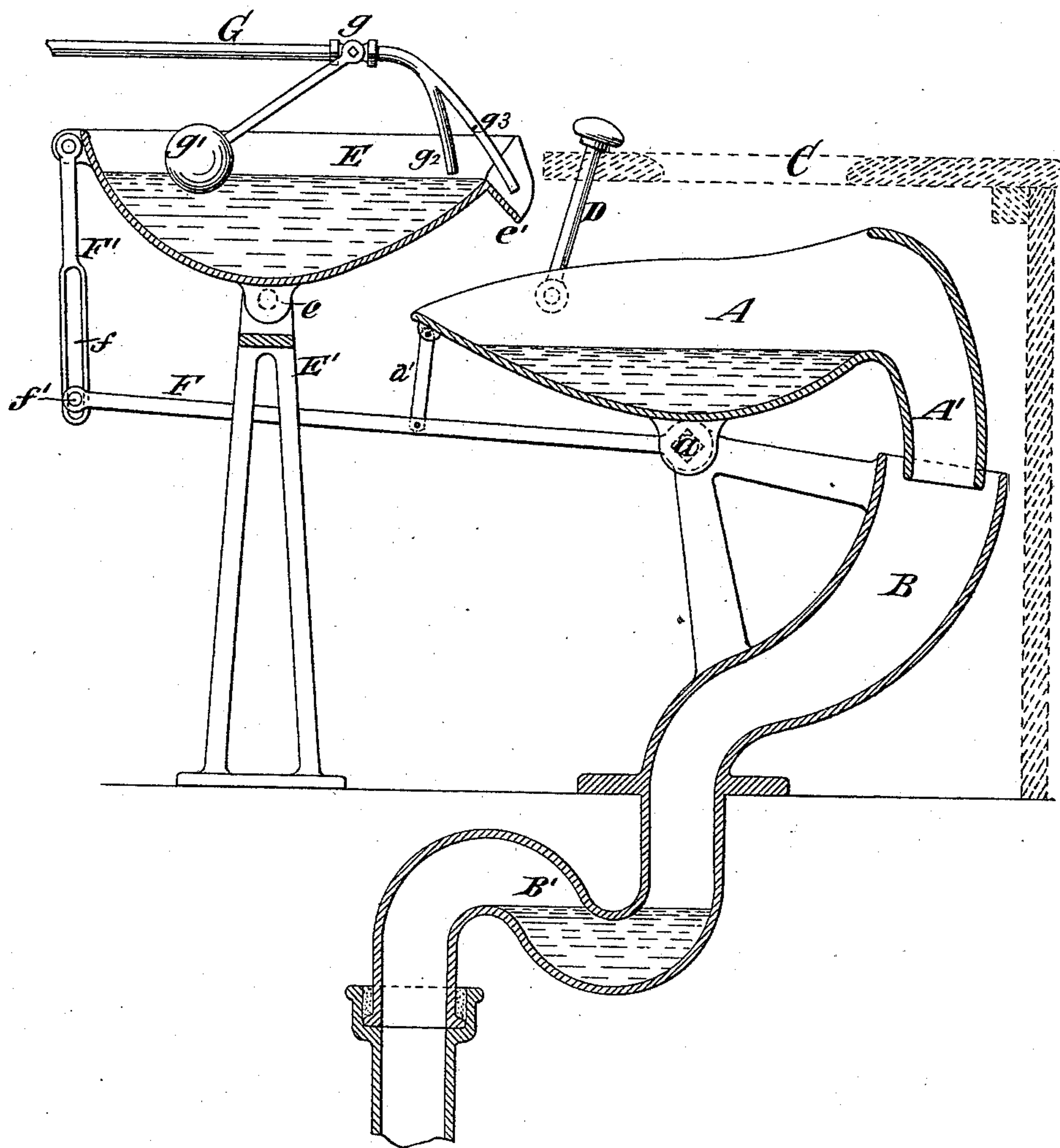
(No Model.)

P. G. HUBERT.

WATER CLOSET.

No. 391,973.

Patented Oct. 30, 1888.



Witnesses:

Ol. Sundgren.
Joseph W. Roe.

Inventor:

P. Generalie Hubert,
by his Atty
Crown Hall.

UNITED STATES PATENT OFFICE.

PHILIP GENGEMBRE HUBERT, OF NEW YORK, N. Y.

WATER-CLOSET.

SPECIFICATION forming part of Letters Patent No. 391,973, dated October 30, 1888.

Application filed March 29, 1888. Serial No. 268,805. (No model.)

To all whom it may concern:

Be it known that I, PHILIP GENGEMBRE HUBERT, of the city and county of New York, in the State of New York, have invented a new and useful Improvement in Water-Closets, of which the following is a specification.

My invention relates to those water-closets in which the basin is mounted upon trunnions and has a soil-receptacle from which leads a discharge-nozzle, and when the basin is tilted the discharge-nozzle works into the soil-pipe and discharges the contents of the basin through said pipe.

The object of my invention is to provide for the copious flushing of the water-closet basin when it is tilted to discharge its contents, so that by such copious flow of flushing-water all foul matter will be not only discharged from the basin, but will be discharged entirely through the trap and leave the trap filled with clean or approximately clean water.

In carrying out my invention I combine with a pivoted water-closet basin a bowl which is pivoted independently of the basin and above the same, so that it may be tilted to discharge its contents through the basin, and I provide connections between the tilting water-closet basin and the tilting bowl, so that when the basin is tilted the bowl will likewise be tilted and discharge flushing-water through the basin.

The invention will be hereinafter fully described, and pointed out in the claims.

The accompanying drawing represents a vertical section of a water-closet embodying my invention.

A designates the water-closet basin, which is mounted upon pivots or trunnions at *a*, and which contains a soil-receptacle of ample size. From the soil receptacle or basin A leads a curved discharge-nozzle, A', and when the basin is tilted upon its pivots or trunnions *a* the nozzle works downward into the soil-pipe B and discharges the contents of the basin thereinto. The upper portion of the soil-pipe B may be curved correspondingly to the nozzle A', and the soil-pipe will usually have combined in it a trap, B'.

Above the basin A is a seat, C, and I have shown a pull-rod, D, as attached to the basin

A, and whereby the basin after use may be tilted.

E designates a bowl, which may be either of metal or earthenware, and which is mounted upon pivots or trunnions *e* in a suitable stand, E'. This bowl E has an outlet-mouth, *e'*, and is arranged above the water-closet basin A, so that when the bowl E is tilted the clean flushing-water which the bowl contains will be discharged into the water-closet basin A.

In order to tilt the flushing-water bowl E, I have represented an arm, F, extending rearward from and firmly connected with the water-closet basin A, and connected also by a rod, F', with the bowl E. The rod F is represented as fitted to the trunnion *a* of the basin A by a square on the trunnion, and as being further connected with the rear of the basin by a brace, *a'*. The connection F F' between the water-closet basin A and bowl E should preferably have lost motion in it, so that the basin A may be tilted before the bowl, and I have here represented for that purpose a slip-connection consisting of a slot, *f*, in the rod F', and a pin, *f'*, upon the arm F, entering said slot. When the water-closet basin A is tilted, its first movement discharges its contents through the nozzle A', and afterward, as soon as the pin *f'* reaches the top of the slot *f*, the bowl E is tilted and a copious supply of water is poured from the bowl into the basin A, while the latter is tilted and flushes out the basin thoroughly, so as to change the water which is in the trap B'.

To supply water to the basin A and the bowl E, I have represented a pipe, G, in which is a cock, *g*, which may be controlled by a float or ball, *g'*, and the end of this pipe is bifurcated or shaped to form two separate nozzles, *g*² *g*³. The nozzle *g*² discharges into the bowl E, and the nozzle *g*³ is directed so as to discharge into the water-closet basin A. The sizes of these two nozzles may be so proportioned that the basin A will be filled to about the level indicated at the same time that the bowl E is filled to about the level indicated in the bowl. After using the closet-basin A the basin is tipped, thereby discharging its contents through the discharge-nozzle A', and the bowl E is immediately thereafter tipped, and the clean water

in the bowl E serves to flush copiously the basin. As soon as the basin returns to its normal position, the bowl E also returns to the position shown in the drawing, and the water having been discharged from the bowl E the float g' falls and water enters through the nozzles g^2 and g^3 , thereby filling up the basin and bowl A E to the proper level for use a second time.

10 What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a water-closet basin mounted on trunnions and having a soil-receptacle and a discharge-nozzle leading there-
15 from, of a soil pipe into which the discharge-nozzle empties when the basin is tilted, a flushing-bowl separate from the basin and mounted on trunnions above the basin to empty into the basin, a self-regulating water supply to
20 the bowl, and connections between the basin and bowl, so that the tilting of the basin will tilt the bowl and deliver clean flushing-water from the bowl into the basin, substantially as herein described.

25 2. The combination, with the water-closet basin A, having a discharge-nozzle, A', a soil-pipe receiving said nozzle, and the flushing-

bowl E, mounted on trunnions to discharge into the basin and having a self-regulating water-supply, of an arm, F, attached to the
30 said basin, and a rod, F', connected with the said bowl, the said arm and rod having a slot-and-pin connection whereby the tilting of the basin also tilts the bowl, but the basin is caused to first tilt and discharge and by fur-
35 ther movements tilt the bowl and flush the basin from the bowl, all substantially as herein described.

3. The combination, with a water-closet basin, A, mounted on trunnions and having a
40 discharge-nozzle, and a soil-pipe into which the nozzle works when the basin is tilted, of a flushing-bowl also mounted upon trunnions and to deliver into the basin to flush the latter, connections between the basin and bowl to tilt
45 and discharge the bowl through the basin at the time the basin is tilted, and nozzles for supplying water separately to the bowl and basin to fill them both after tilting them, substantially as herein described.

PHILIP GENGEMBRE HUBERT.

Witnesses:

FREDK. HAYNES,

HENRY J. MCBRIDE.