

(No Model.)

P. WHITE & A. JACOBS.

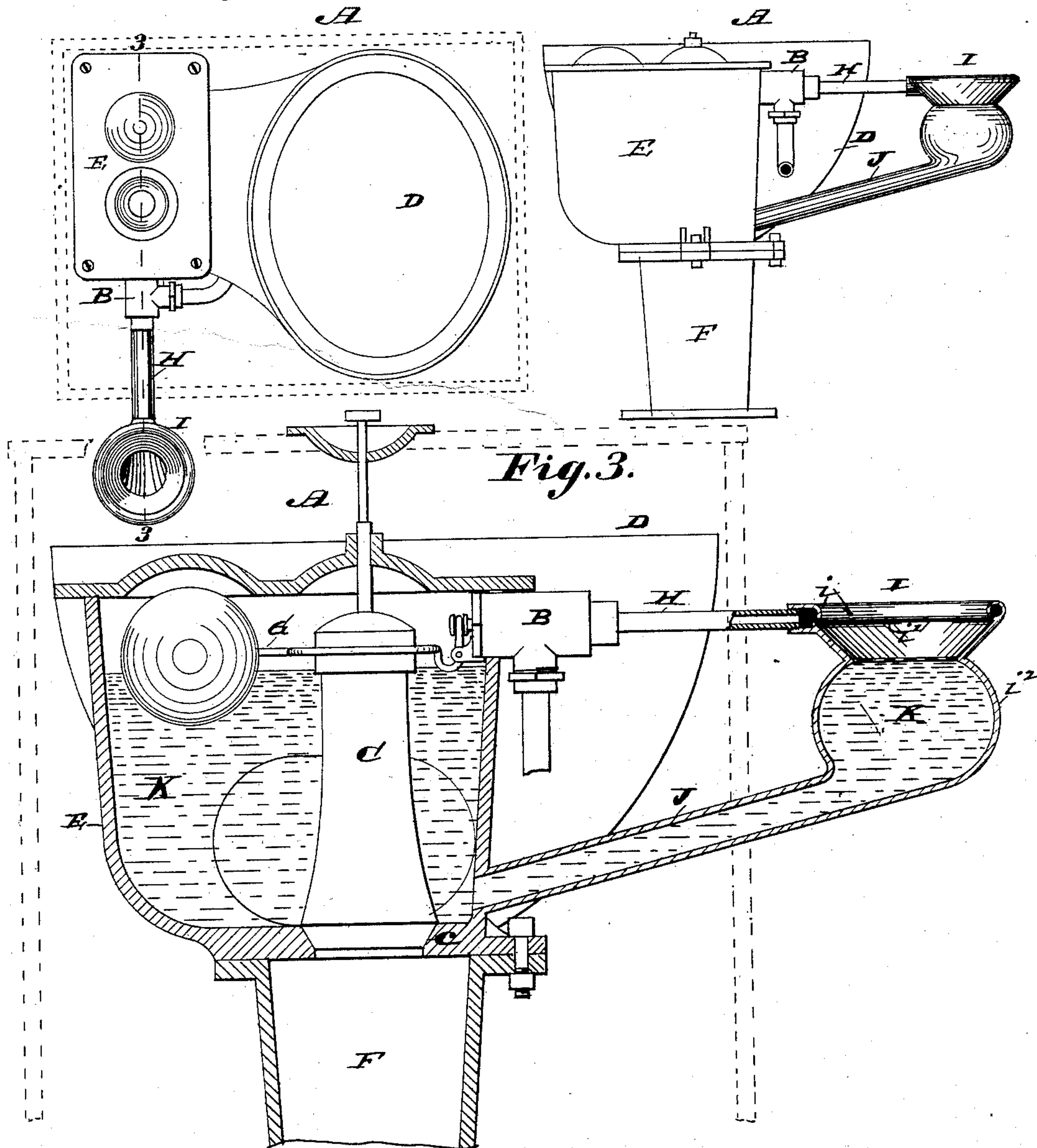
COMBINED SPITTOON AND WATER CLOSET.

No. 363,494.

Patented May 24, 1887.

Fig. 1.

Fig. 2.



Witnesses:

W. B. Anderson

B. F. Rex

Inventors:

Peter White
Adolph Jacobs
by C. D. Moody atty

UNITED STATES PATENT OFFICE.

PETER WHITE AND ADOLPH JACOBS, OF ST. LOUIS, MISSOURI.

COMBINED SPITTOON AND WATER-CLOSET.

SPECIFICATION forming part of Letters Patent No. 363,494, dated May 24, 1887.

Application filed October 4, 1886. Serial No. 215,225. (No model.)

To all whom it may concern:

Be it known that we, PETER WHITE and ADOLPH JACOBS, both of St. Louis, Missouri, have jointly made a new and useful Combined Spittoon and Water-Closet, of which the following is a full, clear, and exact description.

The improvement consists, mainly, in constructing a spittoon in combination with a water-closet, so that the same flow of water used in operating the water-closet can be utilized in part in operating the spittoon, and the same valvular mechanism employed in controlling and directing the passage of the water through the water-closet can be employed in controlling the passage of the water to and from the spittoon.

In the annexed drawings, making part of this specification, and exhibiting the most desirable mode of carrying out the improvement, Figure 1 is a plan of the combined water-closet and spittoon, only those parts of the water-closet being shown as are necessary to an understanding of the improvement. Fig. 2 is a side elevation of the same, and Fig. 3 is a vertical section upon an enlarged scale upon the line 3 3 of Fig. 1.

The same letters of reference denote the same parts.

The water-closet A is of a familiar type, saving as it may be modified by the improvement in question.

B represents the valve by means of which the water is supplied to the water-closet, and C represents the valve by which the water and contents of the closet are discharged therefrom. When the valve C is unseated, the discharge from the hopper D and the chamber E passes into the outlet-pipe F. The ball-lever G then drops and opens the valve B, and the water is supplied again to the closet, all in the customary manner, which, being familiar, need not be further explained.

H represents a pipe leading from the chamber of the valve B, and when that valve is opened the water flows not only to the hopper D and chamber E, but also to the spittoon I, entering the spittoon, say, at the rim *i*, and escaping therefrom through the perforations *i'* downward into the bowl *i''* of the spittoon.

Another pipe, J, leads from the lower part of

the spittoon, for the purpose of discharging its contents. This pipe may lead to any desirable outlet; but it is preferably made to connect with the chamber E above the seat *c* of the valve C. The pipes H J, or either of them, may also serve to support the spittoon in position, which may be at any point or in any direction convenient to the user of the closet. It is properly arranged in the present instance so that the water K shall stand at the same level in the spittoon and closet. The same overflow device may thus serve for both parts.

The water may be supplied to the spittoon through the lower pipe, J, only—that is, when the chamber E is filled with water it (the water) may be allowed to well upward through the pipe J into the spittoon, and when the chamber E is emptied the contents of the spittoon may, as stated, flow downward through the pipe J; but it is better to employ an upper pipe, H, as well as a lower pipe, J, as thereby the water can be supplied to the spittoon to better advantage and from the top thereof, and in case the water accidentally flows upward from the lower pipe, J, too high into the spittoon the excess of water can be discharged through the pipe H into the hopper. The overflow in the present construction is through the hollow valve C.

In other forms of water-closets it may be desirable to adopt a different method of connecting the spittoon with the closet and its valvular mechanism; or the spittoon may have its own valvular mechanism, and it may be operated independently of the closet valvular mechanism; and, further, a spittoon whose contents can be drained into the discharge-pipe from the closet is desirable, irrespective of the source of water-supply to the spittoon; but the result in question is best attained and most conveniently, as well as most economically, accomplished by connecting the spittoon as in the manner shown and described. The dotted lines in Figs. 1, 3 indicate the casing, which may surround the closet.

We are aware that it is not new to combine a spittoon or like device with a dentist's chair.

We claim—

1. The combination of the spittoon I, the pipes H J, the valves B C, the water-closet

hopper D, the chamber E, the discharge-pipe F, and the ball-lever G, substantially as described.

2. In a water-closet, the combination of the
5 hopper D, of otherwise ordinary construction, with the pipe H and spittoon I, and the pipe J, leading from the spittoon into the chamber E of the hopper, substantially as and for the purpose set forth.

10 3. In combination with the hopper of a water-closet suitably provided with water-supply mechanism and an outlet-pipe in any usual and ordinary manner, a spittoon, I, supported in convenient proximity thereto by the wa-
15 ter-pipe H and the drain-pipe J, and having around its rim the perforations *i'* in the extension of said water-pipe, substantially as and for the purposes specified.

4. In a combined spittoon and water-closet,

the combination of the connecting-pipes, 20 whereby the valve in the exit-pipe of the hopper controls the level of the water in both hopper and spittoon, substantially in the manner and for the purpose set forth.

5. In a water-closet, the combination of the 25 hopper D, having drain-pipe F, valve C, with the spittoon I, having water-inlets around its rim, and the supporting-pipes H and J, the one communicating with the water-supply of the hopper, the other entering the hopper 30 above its exit-pipe valve, substantially as and for the purposes specified.

Witness our hands.

PETER WHITE.
ADOLPH JACOBS.

Witnesses:

C. D. MOODY,
GEO. P. WOLFF.