L. E. KENNEY.

LAVATORY.

APPLICATION FILED JUNE 4, 1908.

954,680. Patented Apr. 12, 1910.

Fig. 1.

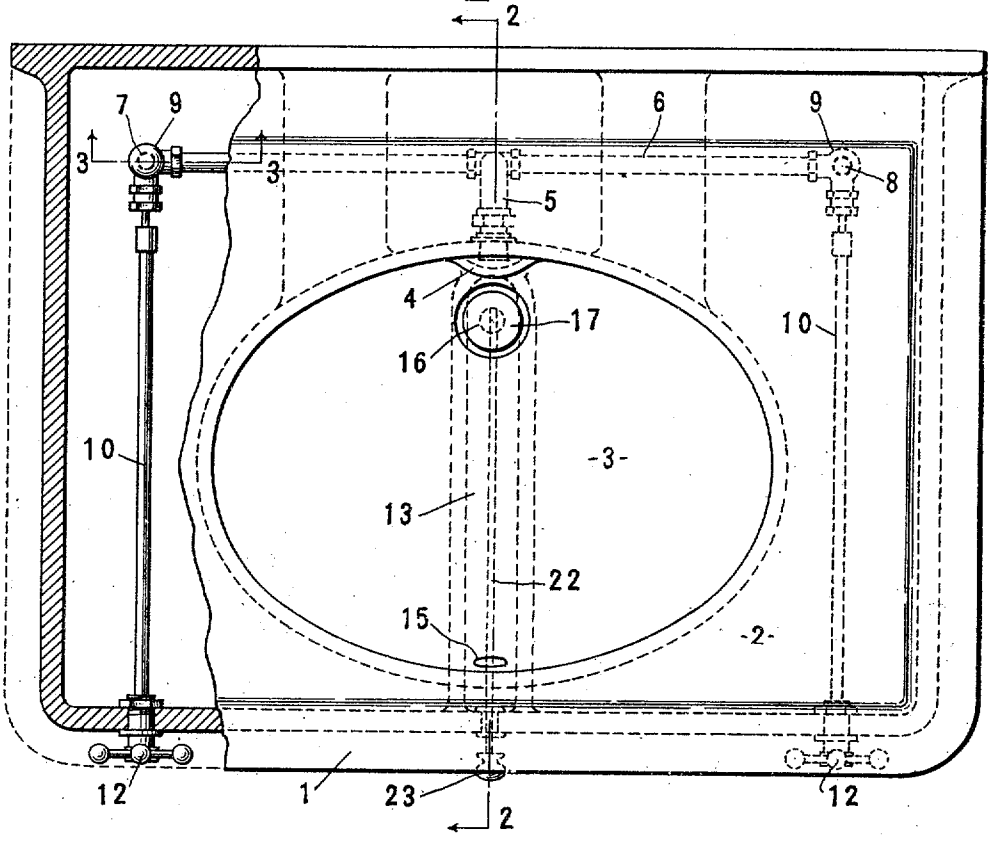


Fig. 2.

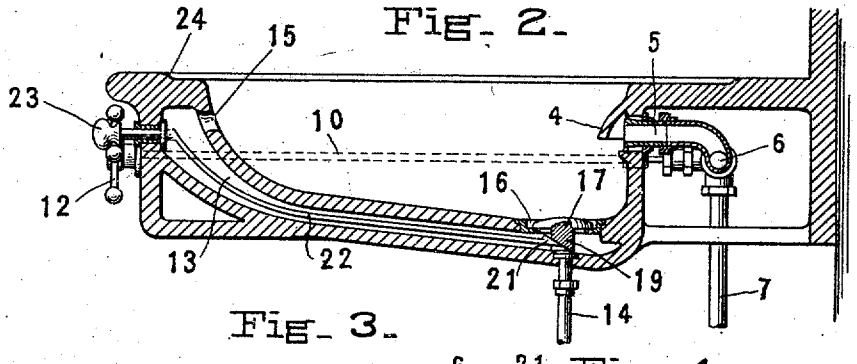


Fig. 3.

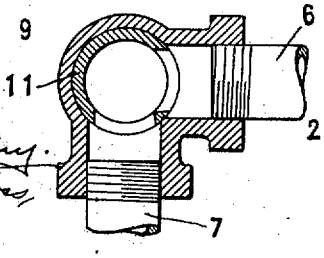
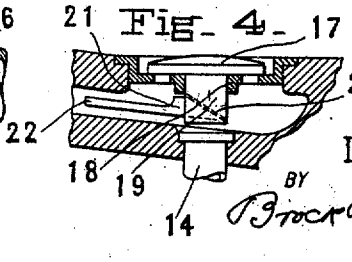


Fig. 4.



WITNESSES

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LAVATORY.

954,680. Specification of Letters Patent. Patented Apr. 12, 1910.

Application filed June 4, 1908. Serial No. 436,599.

To all whom it may concern:

Be it known that I, LEO E. KENNEY, citizen of the United States, and a resident of North Plainfield, in the county of Somerset and State of New Jersey, have invented certain new and useful Improvements in Lavatories, of which the following is a specification.

The present invention relates generally to lavatories, and has for its object certain improvements whereby the top plate or slab is unobstructed by faucets or other protruding valve mechanism, or controlling devices for valve mechanism.

The main feature of the invention resides in a certain arrangement of the parts which may be described as follows:

In its preferred form the lavatory body is made in one piece with an unobstructed top plate and a bowl dependent therefrom. The bowl is provided with an inlet spout in one of its sides, preferably in the rear side. Suitable pipe connections and valve mechanism are provided for this inlet and these valves and pipe connections are preferably located below the top plate and behind the bowl. Suitable operating means for the valve mechanism are employed. In the preferred form, and as herein disclosed, the means for operating the valve mechanism are located below the top plate and extend alongside the bowl through one of the walls of the lavatory, preferably through the front wall. These operating devices preferably extend only slightly beyond the wall of the lavatory body so as to be within easy reach of the operator and yet so as to lie within, or substantially within the border of the lavatory.

Any suitable overflow and outlet from the bowl may be employed, such as the ordinary perforations and plug closing the outlet, in the usual manner. Preferably, however, the waste outlet and the valve for the same are arranged in the bottom of the bowl, and there is provided an overflow passage leading from the front portion of the bowl. Also the entrance to the outlet passage is preferably located substantially opposite the spout. The means for operating the waste valve is preferably located in the outlet passage and extends through the front wall of the lavatory body in the manner of the valve operating means. By means of the relation of the parts just described, the top of the lavatory is entirely unobstructed, and the valves, pipe connections and operating means are all located within the border or outline of the lavatory body.

Other features of construction will appear as the specification proceeds.

In the accompanying drawings the invention is embodied in a concrete and preferred form but variations in the means and form may of course be made without departing from the intended and legitimate scope of the invention.

In the said drawings Figure 1 is a plan view partly broken away of a lavatory embodying the invention. Fig. 2 is a section on the line 2—2 of Fig. 1. Fig. 3 is a section on the line 3—3 of Fig. 1, on an enlarged scale. Fig. 4 is a detailed view in a section of the outlet valve.

Similar characters of reference indicate corresponding parts in the several views.

1 indicates the lavatory which is here shown as consisting of an integrally formed member. 2 indicates an unobstructed top plate having the bowl 3. Below the projecting lip 4 is a suitable inlet 5 which is connected to a transversely running pipe 6 connected at one end with a hot water pipe 7 and at the other end with a cold water pipe 8.

9 indicates a valve mechanism of which there are two, one controlling the water flow from the pipe 7 to 6 and the other from pipe 8 to 6. Suitable means for operating the valve 9 are provided consisting in this instance, of a rotatable rod 10 connecting at one end to the valve body 11 and at the other end to the handle 12. As here shown, this rod runs underneath the top plate, the operating handle 12 being located below the top plate but in front of the lavatory.

Any suitable outlet and overflow mechanism may be provided but preferably, there is an overflow passage 13 which runs underneath the bowl to the waste pipe 14 and communicates at its upper end with the interior of the bowl at 15. Located above the waste pipe is an outlet 16 in which is seated the outlet valve 17 adapted to be moved up and down in the guides 18. The stem 19 of this valve is provided with an inclined surface 20 which engages the wedge 21 carried by the rod 22 which may conveniently be located in the overflow passage, and which

may be moved back and forth to raise and lower the outlet valve by means of the button 23 located underneath the top plate.

It will be seen that as here disclosed, the top plate is not only unobstructed but its surface is also uninterrupted, a feature which tends to enhance the attractive appearance of the lavatory in a very high degree. By the word "uninterrupted" as here used, it is not meant to convey that the surface of the top plate shall be absolutely level, for as shown, depressions like the one indicated at 24 may be formed in the surface for the purpose of ornamentation or otherwise.

What I claim is:—

1. In a lavatory, an unobstructed top plate, a bowl dependent therefrom, an inlet at the rear side of the bowl, valves in communication with the said inlet, and valve operating means located beneath the top plate extending alongside the bowl and projecting through the front wall of the lavatory body.

2. The combination in a lavatory, of an unobstructed top plate, and a bowl dependent therefrom, of valves, and valve operating means located beneath the top plate and extending alongside the bowl and through the front wall of the lavatory.

3. A one piece lavatory comprising an unobstructed top plate, a bowl dependent therefrom, an inlet at the rear of the bowl, a waste outlet in the bottom of the bowl, an overflow outlet in the side of the bowl opposite the inlet, an overflow passage leading from said overflow outlet to the waste outlet, valves in communication with the inlet, valve operating means extending alongside the bowl to the front of the lavatory, and located beneath the top plate, a valve to the waste outlet, and valve operating means for the waste valve, extending from the front of the lavatory through the overflow passage to said valve.

4. A lavatory comprising an unobstructed top plate, a bowl, an inlet to the bowl, a dependent lip overhanging said inlet, an overflow outlet opposite the inlet, a waste outlet to the bowl, an overflow passage leading from the overflow outlet to the waste outlet, valves for the inlet and waste outlet, valve operating means for the inlet valves, beneath the top plate, extending alongside the bowl, and valve operating means extending through the overflow passage having a wedging engagement with the waste outlet valve for lifting the same.

5. A one piece lavatory body having an unobstructed top plate and a dependent bowl, an inlet in the rear of the bowl below the plane of the top plate, pipe connections leading to said inlet located below the top plate, valves in said pipe connections, said valves and pipe connections being located behind the bowl within the bounds of the lavatory body, and operating means for said valves below the top plate and within the bounds of the lavatory, extending through the front wall of the lavatory body.

6. A one piece lavatory body having an unobstructed top plate and a dependent bowl, an inlet in the rear of the bowl below the plane of the top plate, an overflow outlet in the front of the bowl substantially opposite the inlet, pipe connections leading to said inlet and provided with valves, said pipe connections and valves being located behind the bowl and within the bounds of the lavatory body.

7. A lavatory having an unobstructed top plate and a dependent bowl, an inlet in the side of the bowl, a waste outlet in the bottom of the bowl, valves for the inlet and waste outlet, and operating means for said valves located at the front of the lavatory body, the various valves and the operating means therefor being all located beneath the top plate and within the general outlines of the lavatory body.

8. In combination with a lavatory body having a dependent bowl and a valved waste outlet in the bottom of the bowl, an overflow passage leading from the forward portion of the bowl to said outlet passage, and operating means for said waste valve, located in the overflow passage and extending through the front wall of the lavatory body.

9. A lavatory body having an unobstructed top plate and a dependent bowl, an inlet in the wall of the bowl below the plane of the top plate, pipe connections leading to said inlet, located below the top plate, valves in said pipe connections, and operating means for said valves below the top plate and extending through the front wall of the lavatory body.

10. A lavatory body having an unobstructed top plate and a dependent bowl, an inlet in the wall of the bowl below the plane of the top plate, pipe connections leading to said inlet, located below the top plate, valves in said pipe connections, a waste outlet valve in the bottom of the bowl and means for operating said valve extending through the front wall of the lavatory body.

11. A lavatory body having an unobstructed top plate and a dependent bowl, an inlet in the wall of the bowl below the plane of the top plate, pipe connections leading to said inlet and valves in said pipe connections all located below the top plate, a waste outlet valve in the bottom of the bowl, an overflow outlet in the side of the bowl substantially opposite the inlet, and means for operating the valves located below the top plate and extending through the front wall of the lavatory body.

12. A lavatory body having an unobstructed top plate and a bowl dependent

therefrom, an inlet in the wall of the bowl, pipe connections leading to said inlet and valves in said pipe connections all located below the top plate, a waste outlet in the bottom of the bowl, and operating means for the inlet and waste valves located below the top plate and extending through the wall of the lavatory body.

13. A lavatory body having an unobstructed top plate and a bowl dependent therefrom, an inlet in the rear side of the bowl, a dependent lip overhanging said inlet, an overflow outlet in the front wall of the bowl opposite the inlet, a valved waste outlet in the bottom of the bowl an overflow passage leading from the overflow outlet to the waste outlet, and means for operating the waste outlet valve extending through the overflow passage.

Signed at New York city in the county of New York and State of New York this 19th day of May A. D. 1908.

LEO E. KENNEY.

Witnesses:

ANDREW E. KENNEY,

SADIE BROWN.