

C. H. LEACH.
 BLUE PRINT WASHING AND DEVELOPING RECEPTACLE.
 APPLICATION FILED DEC. 28, 1911.

1,053,409.

Patented Feb. 18, 1913.

Fig. 1.

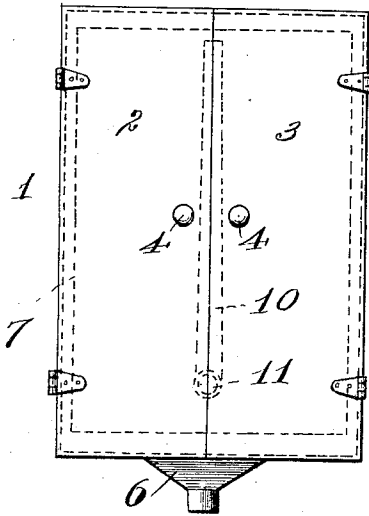


Fig. 3.

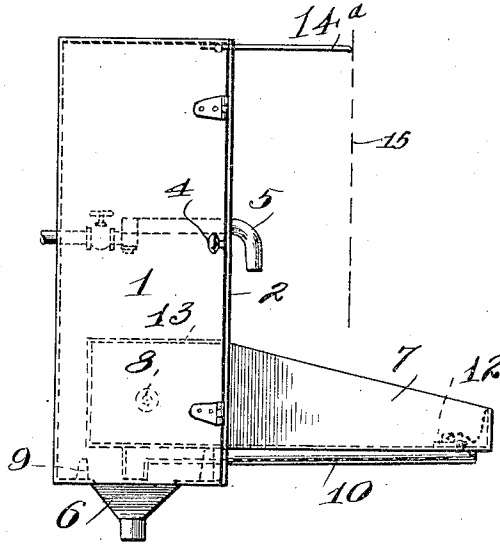


Fig. 2.

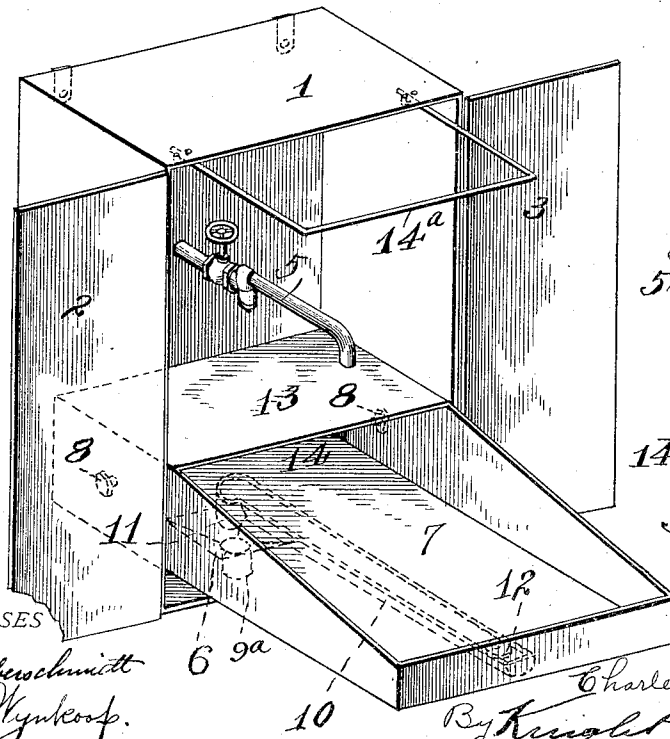
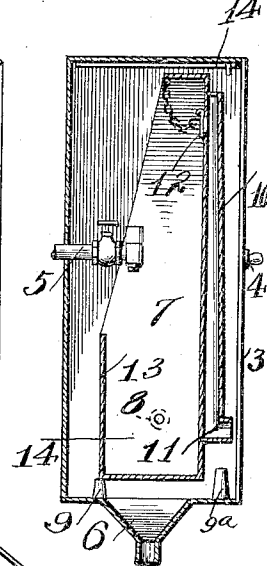


Fig. 4.



WITNESSES

Ch. Paulschmitt
J. M. Kynkoop.

INVENTOR

Charles H. Leach,
By Knight Bros Attorneys

UNITED STATES PATENT OFFICE.

CHARLES H. LEACH, OF WARREN, MASSACHUSETTS.

BLUE-PRINT WASHING AND DEVELOPING RECEPTACLE.

1,053,409.

Specification of Letters Patent.

Patented Feb. 18, 1913.

Application filed December 28, 1911. Serial No. 668,199.

To all whom it may concern:

Be it known that I, CHARLES H. LEACH, a citizen of the United States, residing at Warren, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Blue-Print Washing and Developing Receptacles, of which the following is a specification.

The object of my invention is to provide a neat receptacle for washing and developing blue prints that can be folded up when not in use and which will not have to be filled or emptied each time it is used; and with this and minor objects in view, my invention consists of the parts and combination of parts as will be hereinafter specified.

In the drawing—Figure 1 is a front elevation of a blue print washing and developing receptacle embodying my invention; Fig. 2 is a perspective view of the same open; Fig. 3 is a side elevation of the same, and Fig. 4 is a vertical central section.

1 represents a holder which may be secured in any suitable manner to a wall or other support. This holder is provided with doors 2 and 3 having suitable knobs 4.

5 is a spigot mounted in the back of the holder and connected to a suitable water supply. The holder is provided in its bottom with a drain discharge 6.

The tray 7 is pivotally mounted at 8 in the holder 1. It will be noted that the pivots are off-center and toward the bottom of the tray, so that the tray will, when in an upright position, be more or less overbalanced toward the rear of the holder, thus giving the tray a tendency to remain in an upright position in the holder, the inward movement of the tray in the holder being limited by a stop 9, which also serves as a support for the tray to relieve the pivots 8 of more or less weight of the tray and its contents.

The reference numeral 9^a designates a stop to limit the downward movement of the tray and hold the tray in a horizontal position.

The tray is provided with a drain pipe 10 along its bottom extending from the front toward the rear end thereof, terminating in an outlet 11, which registers when the tray is in its open position with the discharge 6 of the holder. 12 is a valve of any suitable type controlling communication between the tray and the drain pipe 10.

As will be seen from the drawing, the rear

end of the tray is provided with a cover 13, which with the other sides of the tray constitutes a receptacle 14 to be hereinafter referred to. Preferably, the sides of the tray slope toward the outer end from the cover 13.

When the tray is in its open position, as shown in Figs. 2 and 3, it affords a convenient receptacle in which to wash and develop blue prints, films, etc. I provide rods or pins 14^a which may be secured in any suitable manner to the top of the holder, from which to suspend a blue print or other film 15 over the tray, whereby the tray serves as a drip receptacle for said print.

After developing or printing, it is not necessary to throw the solution away, inasmuch as the tray may be folded up to the position indicated in Fig. 4, whereupon the liquid will settle in the receptacle 14 and the weight of said liquid will assist in holding the tray in its closed position by reason of the fact that the pivot of the tray is off-center.

With the tray in its open position, the valve 12 may be removed and a print washed by opening the spigot, thus providing running water in the tray for the print, the water passing through the drain pipe and out through the discharge 6.

Of course, it will be understood that when the tray is in its closed position within the holder, the doors 2 and 3 are closed, as shown in Fig. 1.

By my invention, I provide a neat compact receptacle for washing or developing blue prints that need not be filled or emptied each time it is used, which receptacle is adapted for use in small offices, drafting rooms, and experimental rooms.

By reason of the fact that the inner end of the tray is hooded, I provide a receptacle at the end of the tray having a cubic capacity greater than the forward portion of the tray. That is to say, taking the liquid level from a point at the highest elevation of the front end of the tray to the rear of the tray, the cubic capacity is less than the cubic capacity of the hooded end of the tray, so that if the tray is filled to its maximum cubic capacity when in a horizontal position, there is no danger of the liquid escaping from the hooded end when the receptacle is placed in the vertical position.

I claim:—

1. In a blue print washer and developing receptacle, the combination with a housing, of a tray having a pocket at its inner end

and pivotally mounted in said housing, a drain pipe running from the outer end to the inner end of said tray, a waste pipe in the bottom of said holder, and a valve controlling communication between the tray and drain pipe.

2. In a blue print washer and developing receptacle, the combination with a housing, of a tray pivoted off center in said housing, a drain pipe extending from the outer end toward the inner end of said tray, a valve controlling said drain pipe, and a waste pipe in the bottom of said holder.

3. In a blue print washer and developing receptacle, the combination with a housing, of a tray pivoted off center in said housing, a drain pipe extending from the outer end toward the inner end of said tray, a valve controlling said drain pipe, a waste pipe in the bottom of said holder, and a water supply spigot in said holder.

4. In a blue print washer and developing receptacle, the combination with a housing, of a tray pivoted off center in said housing,

a drain pipe extending from the outer end toward the inner end of said tray, a valve controlling said drain pipe, a waste pipe in the bottom of said holder, a water supply spigot in said holder, and doors for said holder.

5. In a blue print washer and developing receptacle, the combination with a housing, of a tray pivoted off center in said housing, a drain pipe extending from the outer end toward the inner end of said tray, a valve controlling said drain pipe, a waste pipe in the bottom of said holder, a water supply spigot in said holder, doors for said holder, and supports on the bottom of said holder to support the tray in its open and closed positions.

The foregoing specification signed at Fitchburg, Mass., this 7th day of December, 1911.

CHARLES H. LEACH.

In presence of two witnesses:

IRA G. WILKINS,

HORACE M. FLYNN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."