

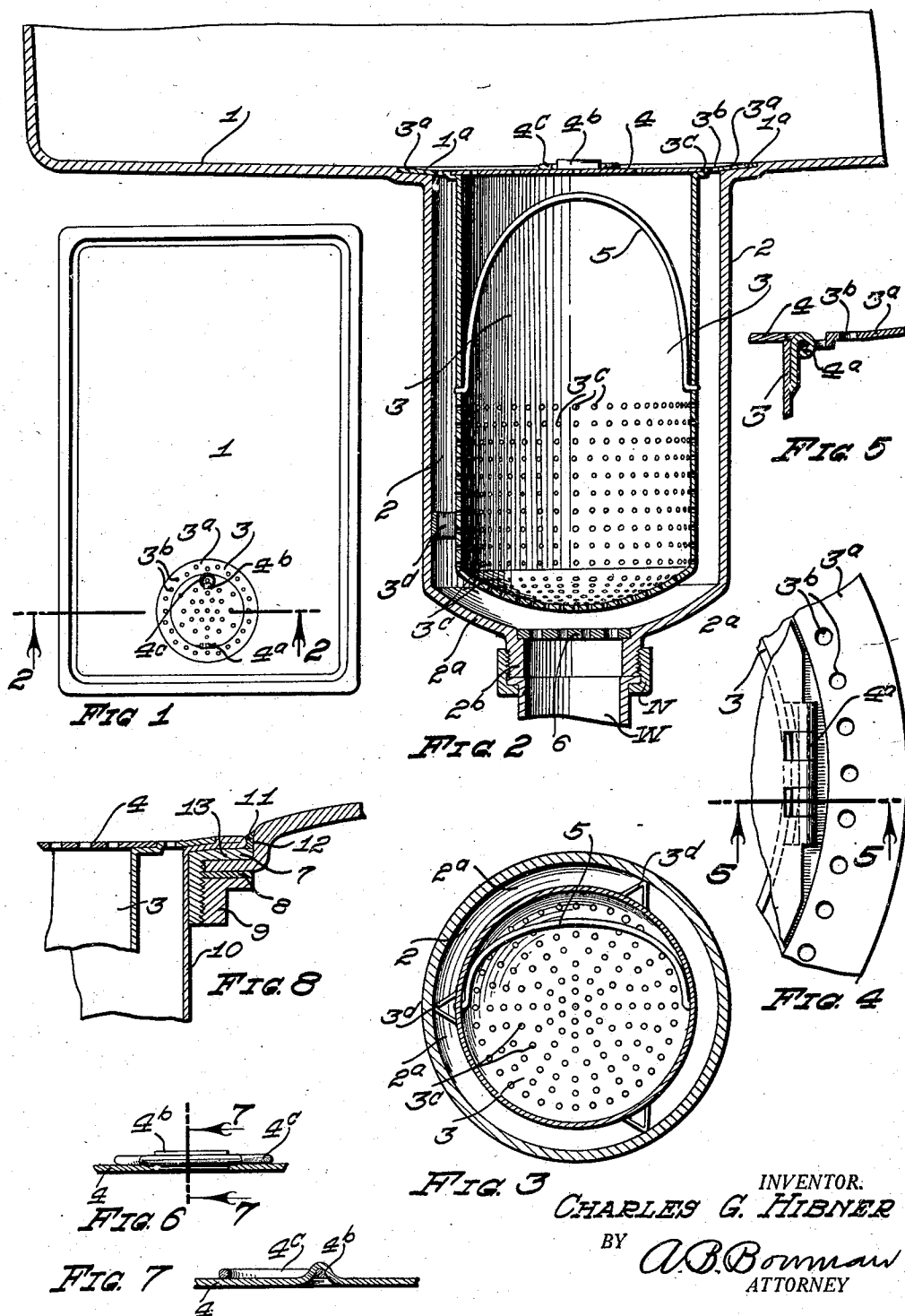
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COMBINATION SINK AND GARBAGE RECEPTACLE

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COMBINATION SINK AND GARBAGE RECEPTACLE

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My invention relates to combination sink and garbage receptacles and the objects of my invention are: First, to provide a combination sink and garbage receptacle whereby anything thrown into the sink may be readily and easily washed into a receptacle in the sink for receiving the garbage; second, to provide an apparatus of this class in which the garbage may be washed or moved into the receptacle without picking it up with the hands; third, to provide an apparatus of this class which may be easily flushed and cleaned without using the hands for such purpose; fourth, to provide an apparatus of this class in which the garbage and other materials in the sink will all be washed into a garbage receptacle so positioned in the sink as to readily receive all of said substances and be drained through the regular drainage from the sink; fifth, to provide an apparatus of this class in which the garbage receptacle is positioned below the lower face of the sink so that the sink is always open and clear for regular use; sixth to provide an apparatus of this class in which the garbage receptacle may be readily removed from the sink and emptied and easily replaced; and seventh, to provide an apparatus of this class which is very simple and economical of construction, efficient in its action, durable and which will not readily deteriorate or get out of order.

With these and other objects in view as will appear hereinafter, my invention consists of certain novel features of construction, combination and arrangement of parts and portions as will be hereinafter described in detail and particularly set forth in the appended claims, reference being had to the accompanying drawings and to the characters of reference thereon which form a part of this application in which:

Figure 1 is a top plan view of a sink and garbage receptacle with the receptacle therein; Fig. 2 is a sectional view on an enlarged scale through 2—2 of Fig. 1; Fig. 3 is a sectional view through 3—3 of Fig. 2; Fig. 4 is a fragmentary top or plan view on an enlarged scale of the door and casing portion over the garbage receptacle; Fig. 5 is a sectional view thereof through 5—5 of Fig. 4;

Fig. 6 is a sectional view on an enlarged scale through 6—6 of Fig. 2 showing the ring connection with the door; Fig. 7 is a sectional view through 7—7 of Fig. 6; and Fig. 8 is a fragmentary sectional view showing the connection of the receptacle and receptacle casing with the sink in a slightly modified form.

Similar characters of reference refer to similar parts and portions throughout the several views of the drawings.

The main sink portion 1, garbage receptacle pocket portion 2, garbage receptacle 3, garbage receptacle cover 4, handle 5 and screen 6 constitute the principal parts and portions of my combination sink and garbage receptacle.

The sink portion 1 is of the ordinary or conventional type of sink except that at the drainage outlet which is the lowest portion in the sink, there is provided a relatively large downwardly extending pocket portion 2 which may be round, square, or other shape if desired, of suitable depth and size to receive a suitable sized garbage receptacle, it being preferred to make this integral with the sink, as shown in Figs. 1 to 7 of the drawings. At its lower side it is provided with an inwardly and downward curved bottom portion 2^a and with a downwardly extending neck portion 2^b which is of the proper size to receive the standard nut N of the standard waste line W from the sink. In the upper portion of the neck is mounted a screen or drain 6 which is adapted to prevent coarse particles passing into the waste line and clogging the trap.

In the bottom of the sink around the opening formed by the pocket member 2 is an annular shallow recess 1^a in which is mounted the flange portion 3^a of the garbage receptacle 3 which serves as a support for said receptacle. It is provided with a row of perforations 3^b just inside of the inner side of the wall of the pocket member 2, thus providing means for draining water from the sink into the pocket. This portion 3^a is offset at 3^c a short distance from a shoulder adapted to receive the annular cover member 4 which is hinged thereon by means of hinges 4^a at one side, shown best

in Fig. 4 of the drawings, and provided at its opposite side with a loop portion 4^b in which is mounted a ring 4^c which is adapted to be engaged by the finger for raising the cover 4.

5 This cover 4 is provided with a plurality of perforations to permit water to drain down into the receptacle 3 when the cover is closed. The receptacle 3, it will be noted, extends downwardly into the pocket 2 and is spaced from the inner wall thereof some distance, 10 as shown, so that the main drainage from the sink is through the perforations 3^b and down between the walls of the pocket 2 and garbage receptacle 3. This garbage receptacle 3 is provided with perforations 3^c at the 15 lower side to permit water to drain from the garbage in said receptacle. It is provided on its inner side with a handle member 5 which is adapted to facilitate the removal of the receptacle from the pocket for emptying, cleaning and the like. 20

It will be here noted that the garbage receptacle 3 is provided on its outer side with a plurality of separator members 3^d, as shown 25 best in Fig. 3 of the drawings, for supporting the member 3 in its relative spaced relation with the pocket 2.

In the modified form of structure shown in Fig. 8 of the drawings, the garbage receptacle 30 throughout is the same as that shown in the other figures of the drawings. The garbage receptacle pocket, however, is not integral with the sink but is separate therefrom and is supported in the sink by means of a bushing 7 mounted in an opening in the sink in 35 the same position as the pocket 2 and provided with a gasket 8 and nut 9 for clamping and securing the member to the sink. The pocket member is designated 10 and is provided with calking 11 between its edge and 40 the shoulder 12 in the sink. It being noted that around the opening is provided an offset flanged portion 13 for supporting the bushing 7 and this pocket 10, thus providing a tight joint and permitting the positioning of this pocket separately in the sink. 45

Though I have shown and described a particular construction, combination and arrangement of parts and portions and a certain 50 modification thereof, I do not wish to be limited to this particular construction, combination and arrangement nor to the modification but desire to include in the scope of my invention the construction, combination and arrangement substantially as set forth in the ap- 55 pended claims.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent is:

60 1. In a combination sink and garbage receptacle, a sink member with a pocket extending downwardly from the bottom side of said sink member and provided with an outlet orifice adapted for connection with 65 the sink drainage, a garbage receptacle posi-

tioned in said pocket and supported at its upper side on the bottom of the sink, a perforate lid for said receptacle, and a flange on the upper side of said receptacle for supporting the same and provided with perforations in said flange outside of the wall of said receptacle. 70

2. In a combination sink and garbage receptacle, a sink member, a pocket member mounted on the bottom thereof and extending downwardly therefrom and provided 75 with an outlet orifice at its lower side, a garbage receptacle positioned in said pocket and spaced from the side walls thereof, and a perforate cover for said garbage receptacle, the upper edge of said garbage receptacle extending over the space between said pocket and said receptacle and provided with perforations therein to permit water to pass down 80 between the walls of said receptacle.

3. In a device of the class described, the combination with a sink, of a pocket member secured to the bottom of said sink and extending downwardly therefrom provided with a drainage outlet at its lower side, a perforate garbage receptacle positioned therein 85 and spaced from the walls thereof, means for spacing and holding said receptacle in spaced relation with said pocket, and means for suspending said receptacle in said pocket provided with perforations between the wall of said pocket and the wall of said receptacle. 90

In testimony whereof, I have hereunto set my hand at Los Angeles, California, this 26th day of March, 1928. 95

CHARLES G. HIBNER. 100

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