

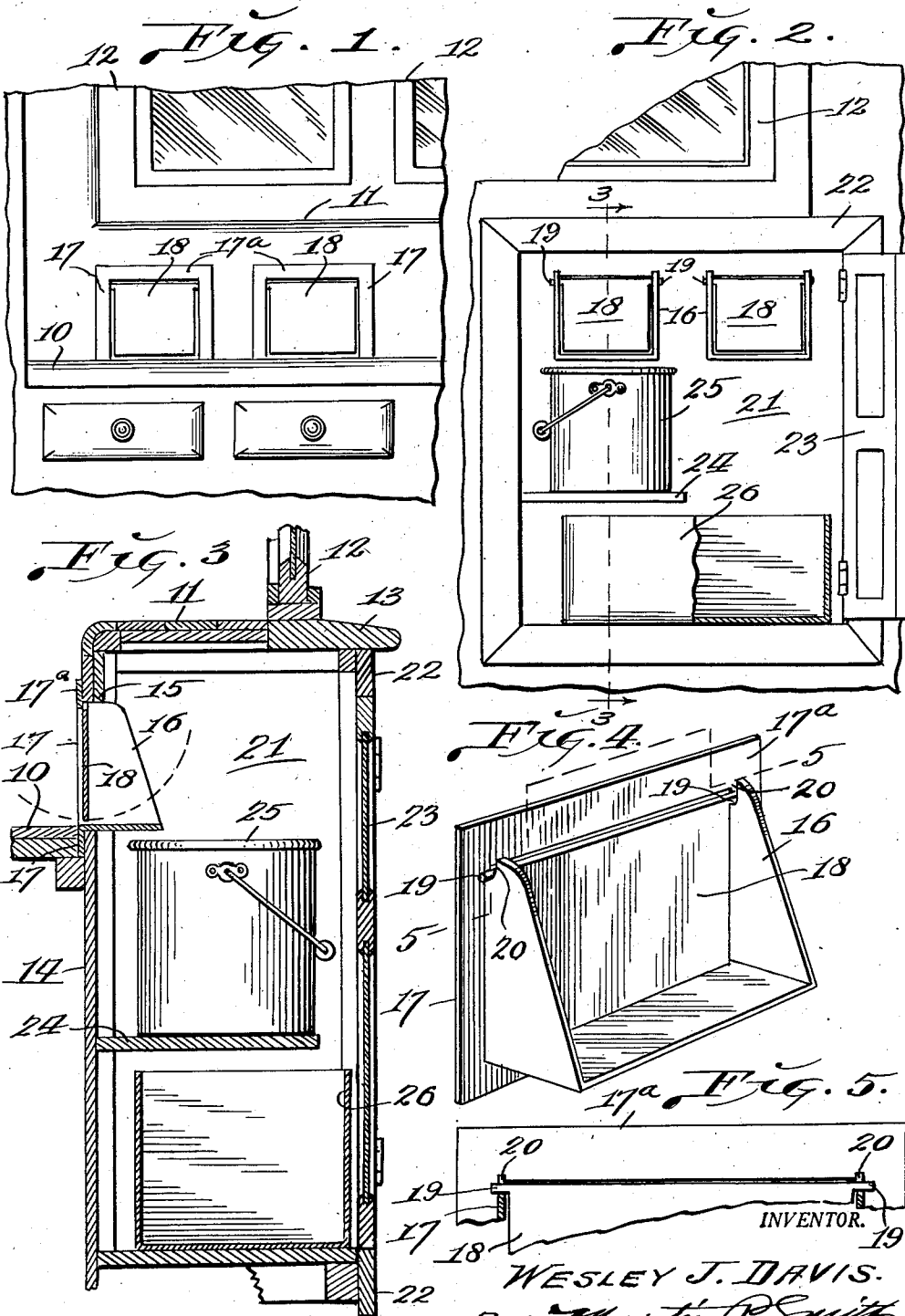
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GARBAGE AND REFUSE DISPOSAL UNIT

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GARBAGE AND REFUSE DISPOSAL UNIT

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1 Claim. (Cl. 193-34)

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My invention relates to means for the convenient handling and disposal of garbage and refuse and has for its principal object to provide a simple, practical and inexpensive unitary structure built into the building wall, to the rear of the drainboard portion of the sink and including a pair of openings, normally closed by gravity doors, through which garbage, waste paper, sweepings and the like may be delivered into suitable receptacles located on the outside of the building or removably positioned in a compartment, located in the building wall, below and to the rear of the sink.

Thus the receptacles for garbage, waste materials, sweepings and the like are normally hid from view and at the same time, said garbage and other household waste products may be easily and quickly delivered into their respective receptacles and the latter may be readily removed and their contents disposed of in the ordinary manner.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts which will be hereinafter more fully described and claimed and illustrated in the accompanying drawings in which:

Fig. 1 is an elevational view of a portion of a kitchen sink and the wall above same and showing the normally closed openings through which garbage, refuse and the like are discharged.

Fig. 2 is an elevational view looking into the chamber or compartment occupied by the garbage can and waste products receptacle.

Fig. 3 is an enlarged vertical section taken on the line 3-3 of Fig. 2.

Fig. 4 is a perspective view of one of the frames which surround the garbage and waste discharge openings.

Fig. 5 is a vertical section taken on the line 5-5 of Fig. 4.

Referring by numerals to the accompanying drawings which illustrate a preferred embodiment of my invention, 10 designates the drain board of a conventional kitchen sink, 11 the shelf above said drainboard and below windows 12, which latter rest on a sill 13.

Formed in wall 14 between drainboard 10 and shelf 11 are openings 15, in which are seated U-shaped frames 16 of metal, plastic or the like having on their front edges flanges 17, which overlie the face of wall 14 around the openings 15 therein.

A horizontal top flange 17a connects the upper ends of the upright side members of frame 17.

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A door such as 18 is arranged in each frame 16, with trunnions 19 projecting from the upper corners of said door, outwardly through short vertical slots 20 formed in the upper ends of the side members of said frame, so that the door may be swung freely inward and outward in its frame, and then closed by gravity (see dotted lines Fig. 3).

The rear edge of frame 16 overlies the inner upper portion of the receptacles positioned below and to the rear of the frames, thus insuring the discharge of all garbage and waste products into their respective receptacles.

In order to normally hide the garbage and waste receptacles from view, there may be formed in the building wall, below shelf 11 and sill 13 and outwardly from the sink, a chamber such as 21, the outer portion of which is surrounded by a frame 22, having a hinged door 23, same being shown in open position in Fig. 2.

Secured within this chamber, below one of the frames 16 and above the bottom of chamber 21 is a shelf 24 for a garbage can or receptacle 25 and removably positioned on the bottom of said chamber below the other frame is an open topped receptacle 26 adapted to receive waste paper, sweepings and other refuse.

Normally door 23 and gravity doors 18 are closed so that the garbage and waste products contained in receptacles are stored in a weather-proof and insect proof compartment and at the same time said receptacles are hid from the view of a person or persons working in, or passing through the kitchen or room in which the sink is located.

To deliver garbage and waste products into receptacles 25 and 26, it is only necessary to apply sufficient pressure to the doors 18 to swing same inward and after said garbage and waste have dropped from the rear edges of the lower plates of frames 16, said doors 18 will, by gravity, return to their normal closed positions.

Where it is not feasible to provide a compartment such as 21 in the building wall, the garbage and waste receptacles such as 25 and 26 may be positioned on the outside of the building adjacent the wall and directly below the framed disposal openings.

Gravity door 18 is mounted so as to swing freely inward through the frame 16 in order that it may, from time to time, be conveniently cleansed and polished.

Thus it will be seen that I have provided a garbage and refuse disposal unit that is simple in structure, inexpensive of manufacture, and

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very effective in performing the functions for which it is intended.

It will be understood that minor changes in the size, form and construction of the various parts of my improved garbage and refuse disposal unit, may be made and substituted for those herein shown and described without departing from the spirit of the invention, the scope of which is set forth in the appended claim.

I claim as my invention:

In a garbage and refuse disposal unit, the combination with a building wall and a drain board positioned against the inner face of said wall, said wall having an opening above said drain wall, of a plate positioned against the inner face of said wall and provided with an opening which registers with the opening in said wall, a shelf projecting from said plate through the opening in said wall in horizontal alignment with the top of the drainboard, vertical flanges projecting from said plate, to the sides of the opening therein, through the opening in said wall, the upper ends of which flanges are provided with notches adjacent said wall, the lower ends of

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which flanges are connected to the ends of said shelf, a gravity door positioned in the opening in said plate and adapted to swing freely in both directions, pins projecting from the upper corners of the door into said notches for hinging said door to said flanges, and a shelf mounted on the outer face of said building wall below the opening therein.

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