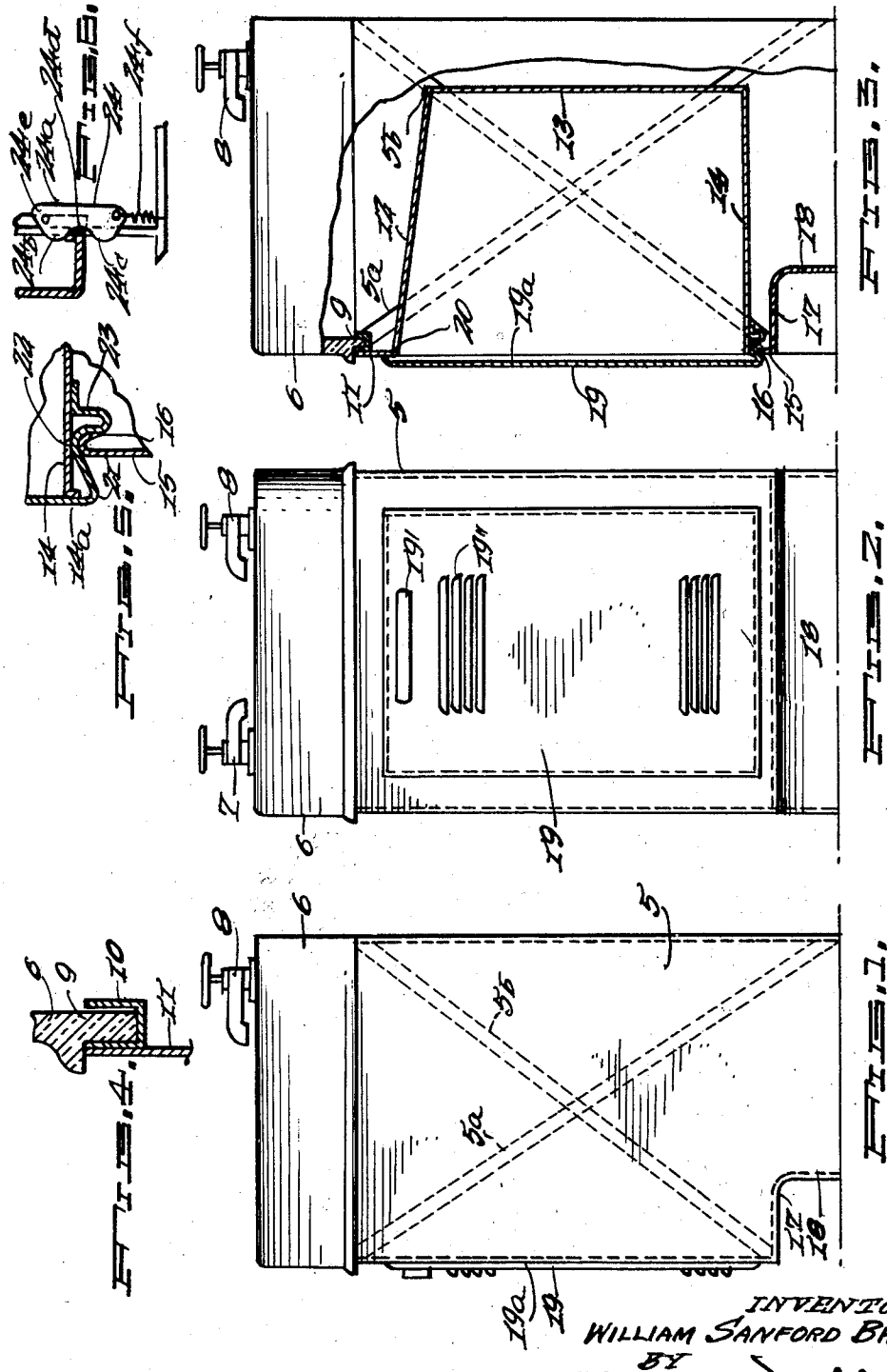
Aug. 5, 1947. W. S. BROOKS 2,425,083

COMBINED CLOTHES HAMPER AND WASH BOWL

Filed Jan. 11, 1946



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Patented Aug. 5, 1947

2,425,083

UNITED STATES PATENT OFFICE

2,425,083

COMBINED CLOTHES HAMPER AND WASH BOWL

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Application January 11, 1946, Serial No. 640,603

2 Claims. (Cl. 45—38)

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This invention relates to a combined clothes hamper and wash bowl, and one of the objects of the invention, is to provide a hamper with a body which forms a part of the steel frame structure of the wash bowl, and to provide a door which is hinged at the lower end of the same to the frame of the hamper, so as to fold outwardly and downwardly.

Another object of the invention is the provision of a clothes hamper of this type with means for securing the door in closed position, which will aid its opening movement.

With the above and other objects in view, the invention relates to certain new and useful constructions, combinations and arrangements of parts, clearly described in the following specification, and fully illustrated in the accompanying drawings, in which—

Fig. 1 is a side elevation, showing the hamper door closed.

Fig. 2 is a front elevation thereof.

Fig. 3 is a vertical sectional view, partly in side elevation.

Fig. 4 is a fragmentary sectional view of the joint with the base of the wash bowl.

Fig. 5 is a fragmentary sectional view of the hinge joint of the cover.

Fig. 6 is a similar view, showing a latch.

Referring to the accompanying drawings, which illustrate the practical embodiment of the invention, 5 designates the steel frame body of the wash bowl 6, which is equipped with the usual hot water faucet 7 and cold water faucet 8.

The base of the wash bowl 6 is provided with a pendant ledge 9, which is bridged by the channel strip 10, welded to the upper end of the vertical cross bar 11 of the steel hamper body wall 12, which extends slightly downwards from the bar 11, and is joined to the back wall 13, which is disposed vertically. The lower end of this back wall is connected to the bottom wall 14, and the forward edge of this bottom wall is provided with a right angular pendant flange 14*a*.

The body 5 of the wash bowl includes a base steel frame part having a vertical flange 15, the upper edge of which is formed with a hinge roll 16, and this flange is formed on the forward side of the horizontal flange 17, which is connected with the rear vertical flange 18, which extends to the floor line, and thus forms a dust and dirt guard. The hinge roll 16 is thus supported on the cantilever portion 17 and has a slight spring action.

A steel sheet door 19 is adapted to close the opening 20 formed at the forward side of the

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hamper body, and for this purpose the sheet metal door 19 is formed with a rolled marginal flange or trimming edge 19*a*, which has direct edge bearing against the outer plane face of the body 5.

The lower portion of the sheet metal door 19 is formed with an extended horizontally disposed flange 21, and this flange is formed with a hinge U-shaped bend 22, which is adapted to receive and roll on the hinge roll 16, and is further formed with an L-shaped stop 23, which engages the bottom side of the horizontal wall 14. The U-shaped bend 22 is rather shallow and forms a spring loop, which tends to hold the body of the sheet metal door in full bearing contact with the vertical front side of the body 5, so that the opening 20 will be normally closed.

In order that the door can be held in a partly open position a latch 24 is arranged on each side of the door. This latch includes the bar 24*a*, and the rounded projections 24*b* and 24*c*, which are spaced from each other to provide a recess of latching space 24*d* between the two projections or lugs, 24*b* and 24*c*. The bar 24*a* is pivoted by the pin 24*e*, and a pull spring 24*f* holds this bar in normal position parallel to the sides of the opening 20. When the door is released to close these spring pressed members retard the impact against the frame 5, and provide means for minimizing the pressure of engagement with the front side of the frame 5.

My invention provides means for storing soiled clothes and garments directly under the wash bowl. The door 19 may be provided with a struck out handle 19', and with a ventilation louvre 19''.

The frame 5 is reinforced by braces 5*a* and 5*b*, which cross each other.

It is understood that various changes in the details of construction, their combination and arrangement, may be made in accordance with the invention, the scope of which is defined by the claims hereof.

Having described the invention I claim as new:

1. The combination with the supporting frame of a wash bowl, said frame having a frontal opening and the lower side of said opening having a hinge roll, a hamper body disposed under the wash bowl and within the supporting frame and having a top wall with a vertical flange coupled to the base of the wash bowl and a horizontal wall disposed over the hinge roll, and a door adapted to close the opening and provided on its lower edge with a horizontally disposed arm having a spring forming loop which receives the hinge roll and having an L-shaped stop on its

inner end which engages the horizontal wall of the hamper body, whereby the spring pressure of said horizontal wall and of the spring loop of the door act to hold the door normally closed over the opening.

2. The combination with a wash bowl having a pendant ledge, a U-shaped bar straddling said ledge, a hamper body connected with said U-shaped body and extending under the wash bowl and within the area of the wash bowl, a steel frame under the wash bowl and enclosing the hamper body, the hamper body having a bottom wall, and the steel frame having a bottom steel member having a vertical flange formed with a hinge roll on its upper edge and the bottom wall of the hamper body being disposed over said hinge roll, a door having a hinge spring loop on its lower edge which receives the hinge roll and which has a bearing against the bottom face of the bottom wall of the hamper body, and spring pressed members disposed on the sides of the door and adapted to limit the impact of the door against the side of the frame.

WILLIAM SANFORD BROOKS.

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