

# UNITED STATES PATENT OFFICE

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## PREFABRICATED BATHROOM

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This invention relates to a prefabricated building unit suitable for use as a bathroom.

Attempts have been made heretofore to provide prefabricated bathrooms with the object of lowering the cost of building a bathroom into a dwelling. Such bathrooms, however, by reason of their great weight and more or less conventional construction, have involved relatively high costs by the time they have been shipped and installed ready for use. Furthermore, such bathroom units as heretofore known have been largely designed for introduction into a new building under construction and have not been particularly practical for installation in a dwelling already built without involving too great an expense.

It is an object of my invention to provide a compact, light, prefabricated bathroom which may be readily installed either in a dwelling under construction or in a dwelling that is already built.

It is another object of this invention to provide a prefabricated bathroom of such a compact construction that it can be separated into a few sections which may be readily carried by hand through a doorway and up a staircase of the average house.

It is another object of this invention to provide a prefabricated bathroom fashioned from a relatively few units made of sheet material to provide an integral structure light in weight but having the requisite strength and rigidity when assembled.

A further object of my invention is to provide prefabricated bathroom sections of sheet metal having bathroom fixtures formed integrally therewith.

Another object of this invention is to provide a two chamber prefabricated bathroom, one chamber being suitable for use as a lavatory and water closet, and the other chamber being useful as a combined tub and shower, and either of these chambers being useful alone.

Further objects and advantages of my invention will be apparent from the following detailed description of the embodiments thereof illustrated in the accompanying drawings, in which

Figure 1 is a front elevation of my preferred bathroom as assembled with the lower portions of the outer front decorative panel and the doors broken away;

Figure 2 is a horizontal cross section of my completed bathroom in installed position, taken about on the offset line 2—2 of Figure 1;

Figure 3 is a vertical cross section through approximately the center of the lavatory and water closet, or outer chamber of the bathroom, taken about on the line 3—3 of Figure 2;

Figure 4 is a vertical cross section of my bathroom, taken approximately on the line dividing the two chambers thereof, such as the line 4—4 of Figure 2;

Figure 5 is a vertical cross section through approximately the center of my bathroom and at right angle to the section line 3—3 and 4—4, taken approximately on the line of 5—5 of Figure 2;

Figure 6 is an end elevation of the two chambers of my bathroom at it appears from the left-hand side of Figure 1;

Figure 7 is a detail view of a ventilating grill in the doorway of the bathroom connecting the two chambers thereof and taken on the line 7—7 of Figure 3;

Figure 8 is a vertical section of a detail of the bathroom constructed on an enlarged scale, and taken through the junction of the upper and lower sections of the bathroom, showing the manner of clamping the upper and lower sections of each chamber together;

Figure 9 is a perspective view partly broken away illustrating a modification of my bathroom with the upper portion thereof comprising the walls of the room in which the unit is installed; and

Figure 10 is a vertical sectional view of a detail on an enlarged scale showing the way the upper edge of the bathroom in Figure 9 is joined to the walls of the room and taken about on the lines 10—10 of Figure 9.

With reference, more particularly, to Figures 1 to 8, inclusive, of the drawings, my bathroom is preferably constructed with two chambers of similar shape in horizontal cross section. These two chambers are indicated generally by the numerals 11 and 12. The outer chamber 12 is designed as a lavatory and water closet, and is provided with a doorway 13 permitting entrance into the chamber from an adjoining room of the dwelling. The side of the chamber 12 containing doorway 13 may be concealed from the adjoining room by the fixed vertical panel 14 provided with an opening 15, which may be constructed of metal, wood, "bakelite," or other plastic or composition material. The panel 14 may be rigidly attached to the chamber 12 of the bathroom, although it is preferably provided as a separate unit which may be affixed to and supported by the adjacent portions of the dwelling.