W. M. WEATHERLY.

CLOSET FITTING.

APPLICATION FILED OCT. 22, 1908.

922,222. Patented May 18, 1909.

Fig. 1.

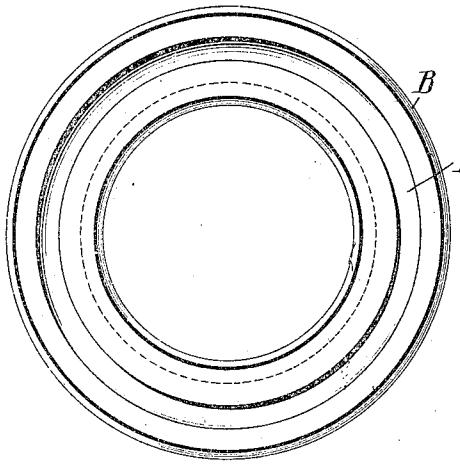


Fig. 2.

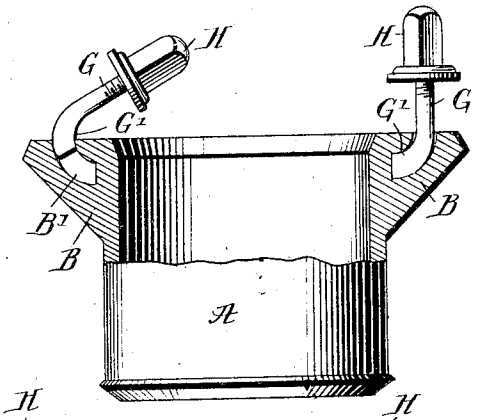


Fig. 3.

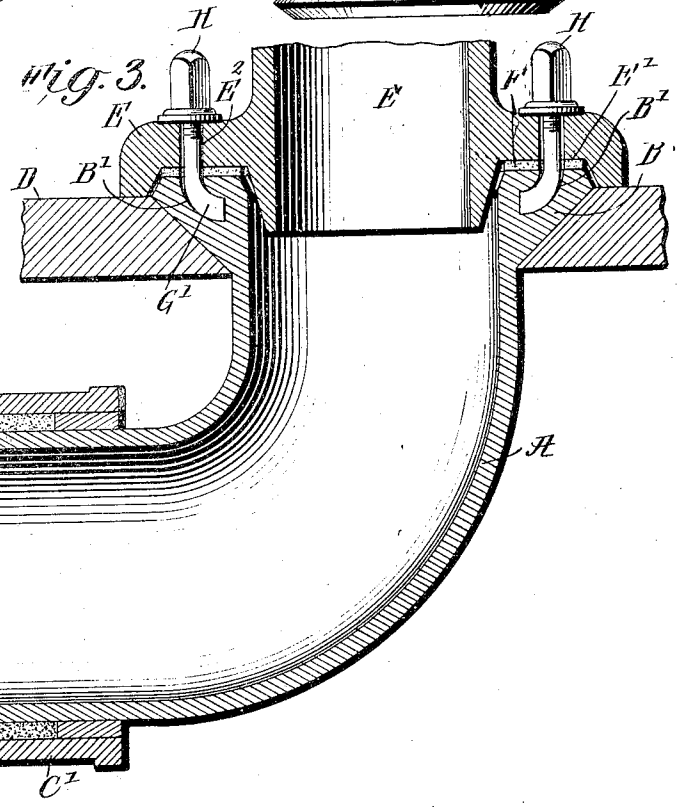
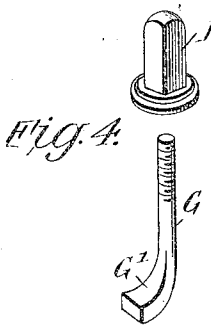


Fig. 4.



WITNESSES

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CLOSET-FITTING.

No. 922,222. Specification of Letters Patent. Patented May 18, 1909.

Application filed October 22, 1908. Serial No. 459,614.

To all whom it may concern:

Be it known that I, WILLIAM MONROE WEATHERLY, a citizen of the United States, residing at Greensboro, in the county of Guilford and State of North Carolina, have invented a new and useful Improvement in Closet-Fittings, of which the following is a specification.

This invention is an improvement in fittings for use in closets in connection with soil pipe and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing—Figure 1 is a top plan view of the improved fitting. Fig. 2 is a sectional view of the upper portion of the fitting showing the grooves for the connecting bolts. Fig. 3 is a sectional view of the fitting connected up with the closet and the soil pipe and Fig. 4 is a detail view of one of the bolts and nuts for connecting the fitting with the base flange of the closet.

By my invention I seek to provide a direct connection to soil pipe, and form the fitting A at one end with a head B preferably in the form of a flange as shown, and construct its other end to enter the hub C′ of the soil pipe C a suitable lead and oakum joint being provided in said hub C′ as shown in Fig. 3. Ordinarily these fittings A are made in different angles or bends to suit the special location in which they are to be used. The head B projects slightly above the floor lever D and is made to enter the countersunk space or recess E′ in the water closet flange E where it rests against a tar and fiber gasket F which is warmed to a pliable state when the parts are fitted together. A groove B′ is formed in the upper face of the head B and is deflected on a curved line laterally to its inner closed end to receive and hold the bent ends or heads G′ of the bolts G when inserted and applied as will be understood from Figs. 2 and 3. It will be noticed from Figs. 2 and 3 that the groove B′ curves inwardly or toward the axis of the fitting and the bent bolts when inserted as shown in Fig. 3 will stand upright and project thus through the holes E² of the closet flange E′ to receive the nuts H.

In practice the fittings may be applied to the floor and calked into the soil pipe thus completing the roughing in for setting the water closet. The bolt heads G may now be entered into the groove B′, the gasket F applied warmed to a pliable state, and the closet applied with the bolts projecting through the holes in the closet flange. The nuts are then turned on thus making a direct, solid, safe and sanitary connection to the soil pipe by the use of the specially made fitting and gasket and bolts as above mentioned at a less cost in time and material than by the use of the lead bends ferrules and flanges ordinarily used in making closet connections.

I claim—

1. A closet fitting having in the face of its head end an annular bolt receiving groove curving toward its inner closed end toward the axis of such end of the fitting substantially as set forth.

2. The combination of a closet flange recessed in its lower face and having bolt holes, a fitting having its head fitting in said recess and provided in the upper face of said head with an annular groove deflected laterally toward its inner end, and bolts having deflected heads fitted into and locked in said groove and projecting upwardly through the closet flange, and the nuts on said bolts substantially as set forth.

3. The combination of a closet flange, a fitting having its head fitted thereto and provided in the face end of said head with a laterally curving annular groove and connecting bolts having laterally curving heads entering and locking in said groove substantially as set forth.

4. A fitting having in its end face a laterally deflected opening and a bolt having a deflected head held in said deflected opening combined with a flange through which said bolts extends, and a nut on the bolt above the flange substantially as set forth.

5. A closet fitting having in its head end an annular bolt receiving groove curving laterally from said face relative to the axis of the fitting, substantially as set forth.

WILLIAM MONROE WEATHERLY.

Witnesses:
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J. R. HARDIN.