Dec. 15, 1925. 1,566,002

A. HESS

DRAINAGE CONNECTION FOR CLOSET BOWLS

Filed March 30, 1925

Fig. 1

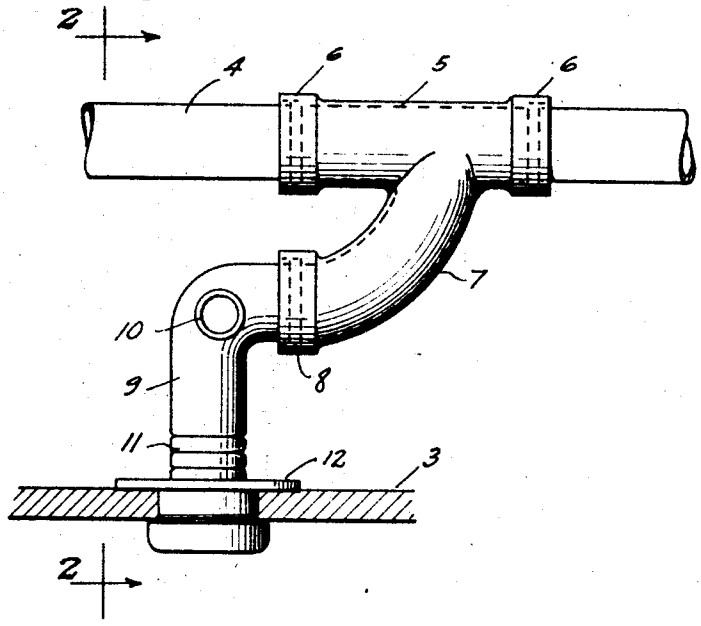
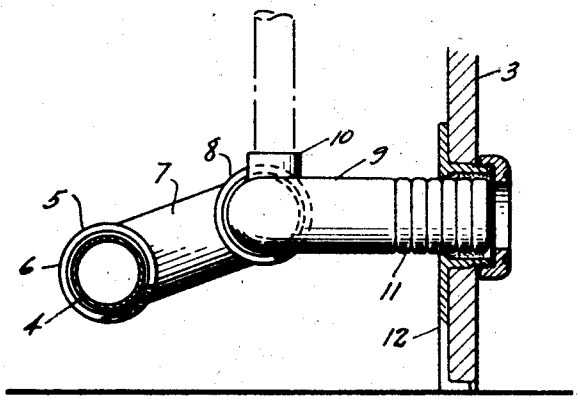


Fig. 2



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UNITED STATES PATENT OFFICE.

ARTHUR HESS, OF LOS ANGELES, CALIFORNIA, ASSIGNOR OF ONE-HALF TO SAMUEL L. MARSH, OF LOS ANGELES, CALIFORNIA.

DRAINAGE CONNECTION FOR CLOSET BOWLS.

Application filed March 30, 1925. Serial No. 19,296.

To whom it may concern:

Be it known that I, ARTHUR HESS, a citizen of the United States, and resident of Los Angeles, in the county of Los Angeles, State of California, have invented new and useful Improvements in Drainage Connections for Closet Bowls, of which the following is a specification.

This invention relates to drainage fittings for connecting water closet bowls or like fixtures to a waste pipe line. In various structures, it is the common practice to install water closets in batteries, the bowls being placed in a row and connected to a common waste line. The waste line must be inclined at a suitable pitch to properly drain the same. The necessity of connecting the bowls to the inclined waste line and also disposing the bowls at the same elevation requires fittings which may have the fixture waste openings adjustable. The primary object of this invention is to provide an inexpensive, simple fitting structure adapted to meet the above requirements and which is easily installed. To this end I have provided a fitting having a waste fixture outlet opening in the nature of a crank arm revoluble about the waste line so as to vary the height of the outfit.

These objects together with other objects and corresponding accomplishments are obtained by means of the embodiment of my invention illustrated in the accompanying drawing, in which:

Fig. 1 is a plan view showing a section of waste line disposed behind a wall, and my new drainage connection attached thereto;

Fig. 2 is a section as seen on the line 2—2 of Fig. 1.

Referring more particularly to the drawing, 3 indicates a wall, such as a partition of a building or a wall of a utility space. Disposed behind the wall and extending substantially parallel thereto is a waste line indicated generally by 4. This waste line as is common inclines horizontally. Interposed in the waste line between sections of waste pipe is a Y-fitting, the arm of which forms in effect a crank arm. The run which joins sections of waste pipe is indicated by 5. It is provided with the usual bell ends 6 for receiving the ends of the waste pipe sections in such a manner that the joints may be caulked. The crank or lateral arm 7 is provided at its open end with a similar bell end 8.

Connected to the crank arm 7 is an elbow 9 having a vent pipe opening 10. The forward end of the elbow is adapted to be passed through the wall 3, and, to adjust its length, it is provided with annular corrugations indicated by 11. This construction is such as to provide for easy severing a suitable length from the end of the elbow so that it will project the proper distance into the wall. A chair carrier 12 is disposed at the wall and serves to support the weight of the fixture.

In installing the fixtures, the Y-member is placed in position in the waste line and turned so that the crank arm 7 disposes the elbow at a level registering with the opening in the chair. The length of the elbow arm is then fixed by severing the desired amount therefrom. The joints are then caulked, thereby completing the conection. The fixture is then connected to the end of the elbow in the usual manner.

What I claim is:

1. The combination with an inclined horizontal waste line of a Y-fitting having a run connected thereto so as to be rotatably adjustable and interposed in said line, the lateral arm having an opening with its axis parallel to said line, an elbow connected to said lateral arm so as to be rotatably adjustable, and a carrier engaging the forward arm of said elbow and serving as a support.

2. A drainage fixture connection comprising the combination of an inclined horizontal waste line, a Y-fitting having a run interposed in said line so as to permit rotatable adjustment, the lateral arm of said fitting being revolubly adjustable thereby, a carrier chair, and an elbow section connected to said arm so as to be rotatably adjustable, the forward arm of said elbow extending laterally of said waste line and being mounted in an opening in said carrier chair and packed therein.

In witness that I claim the foregoing I have hereunto subscribed my name this 20th day of March, 1925.

ARTHUR HESS.