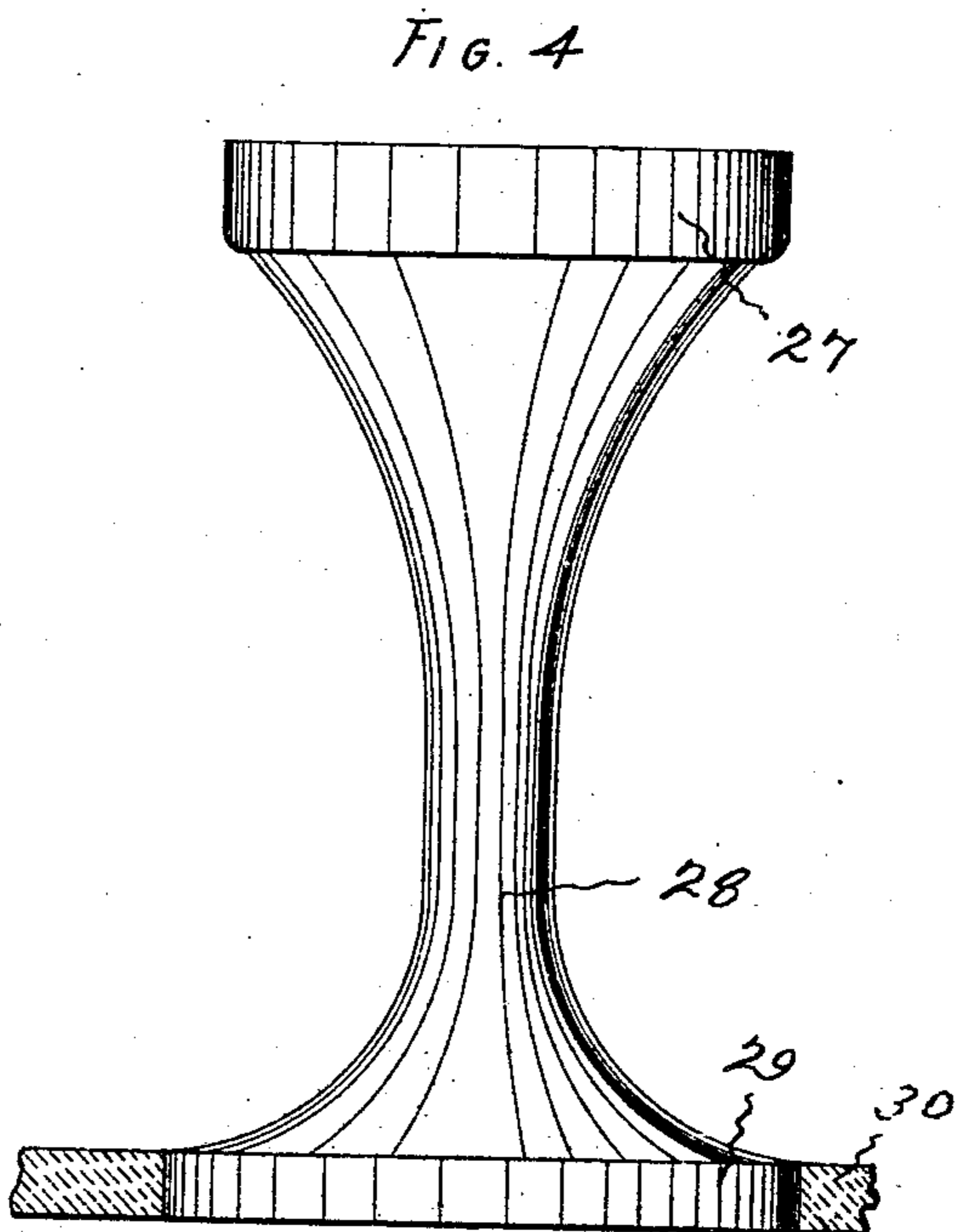
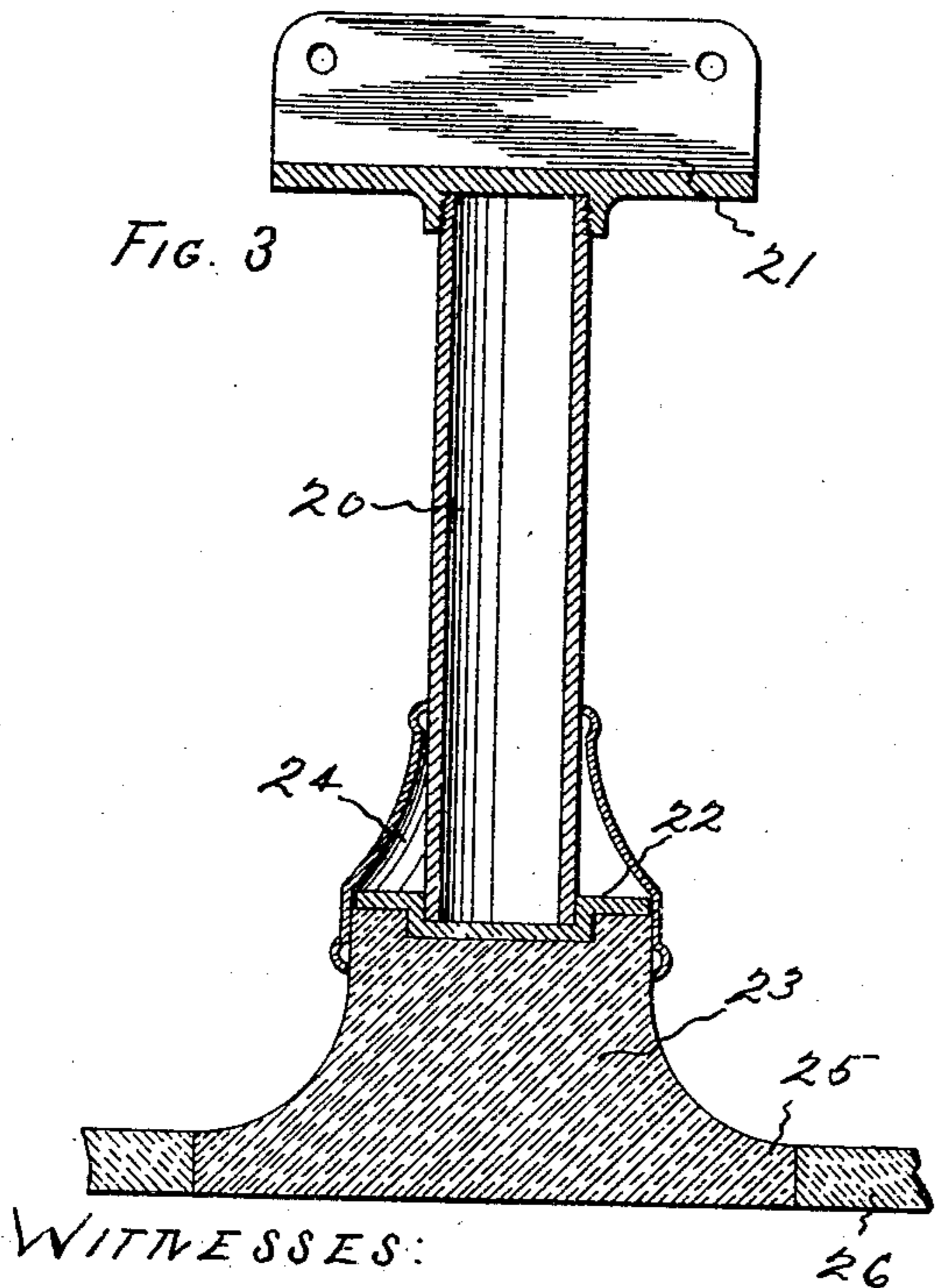
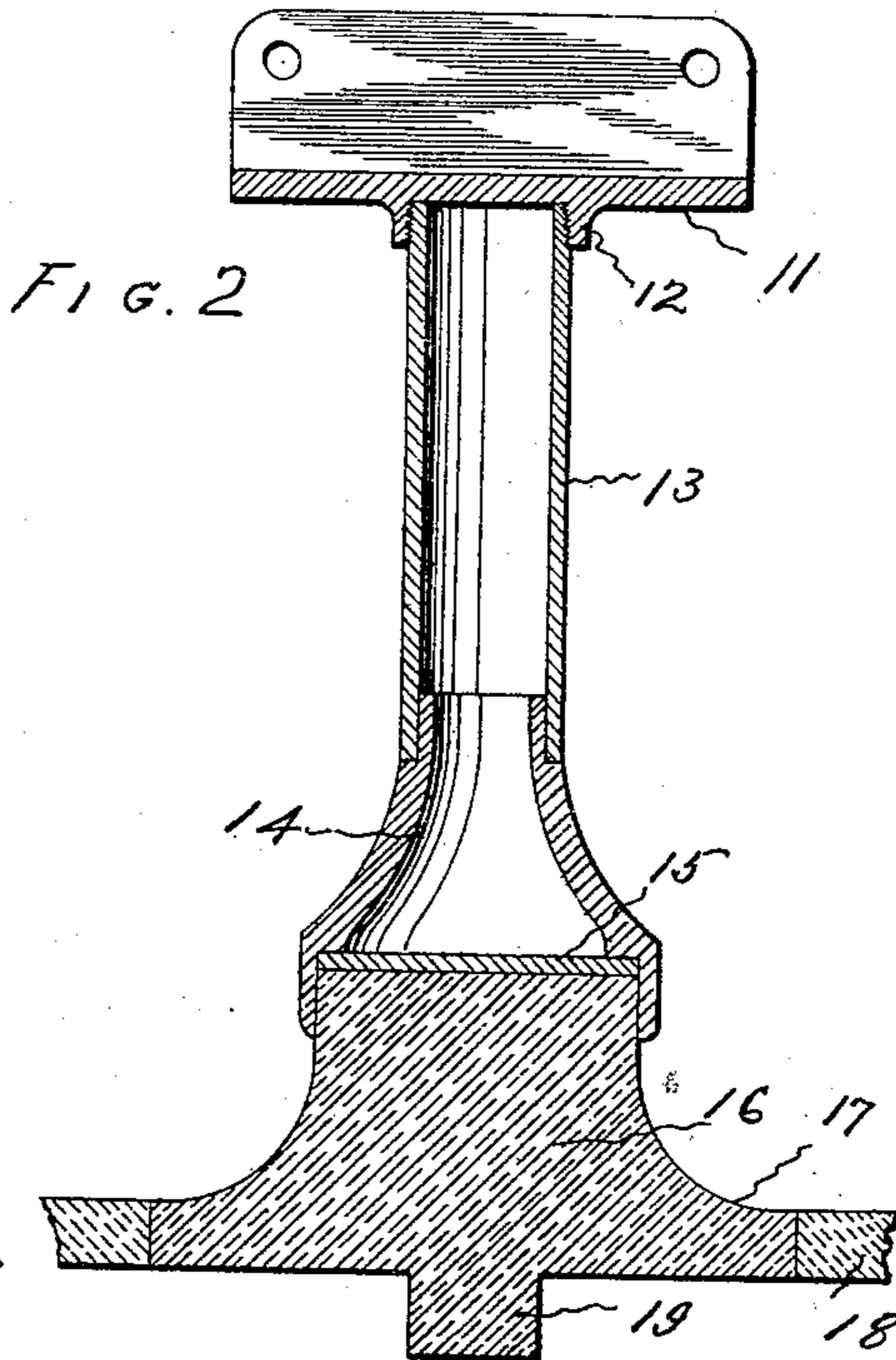
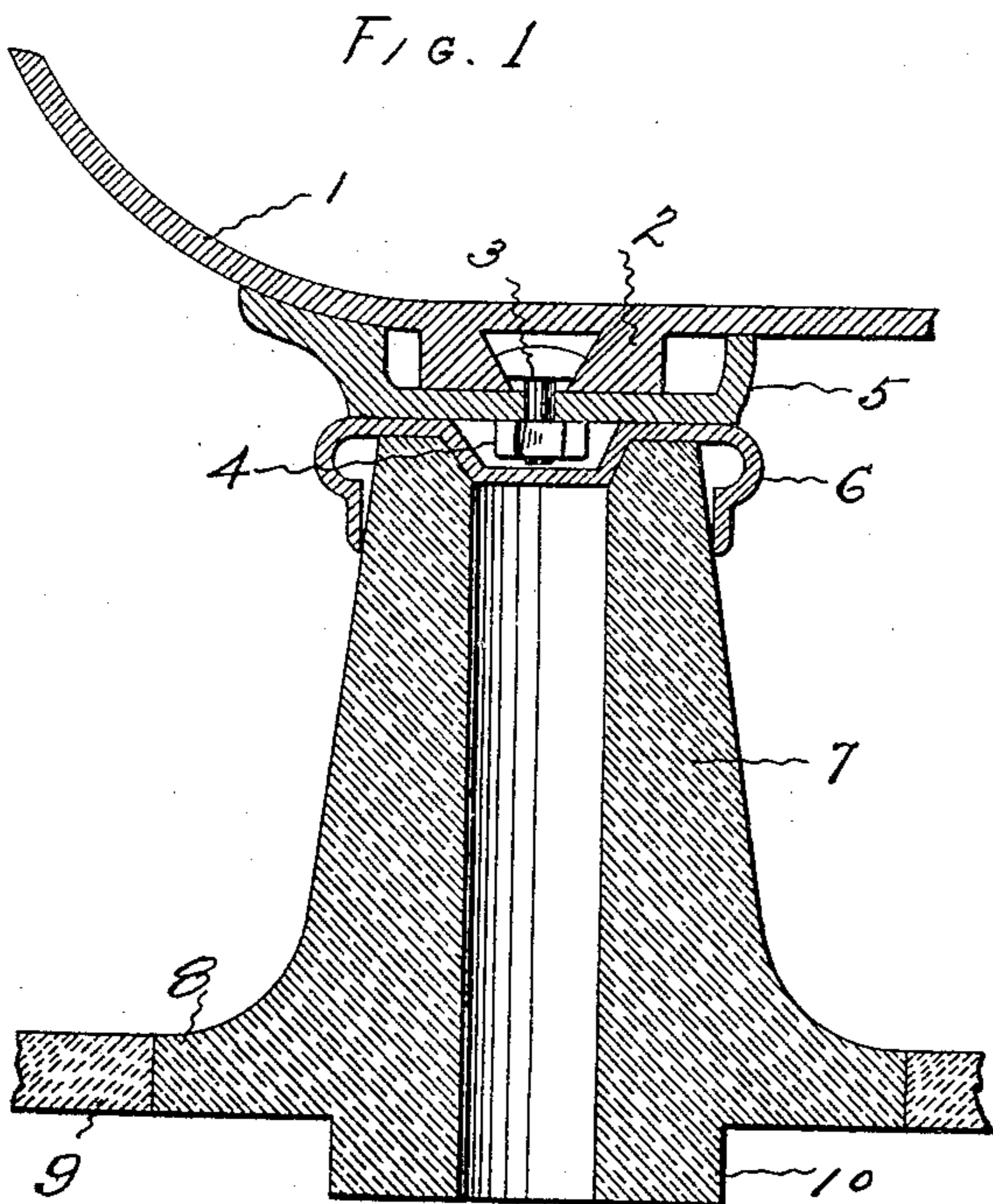


L. D. BAYLEY.
 SANITARY SUPPORT FOR TOILET FITTINGS.
 APPLICATION FILED JUNE 2, 1909.

955,247.

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WITNESSES:
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UNITED STATES PATENT OFFICE.

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SANITARY SUPPORT FOR TOILET-FITTINGS.

955,247.

Specification of Letters Patent. Patented Apr. 19, 1910.

Application filed June 2, 1909. Serial No. 499,672.

To all whom it may concern:

Be it known that I, LEWIS D. BAYLEY, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented a new and useful Improvement in Sanitary Supports for Toilet-Fittings, of which the following is a specification.

This invention relates to the construction and arrangement of the bases or feet of the legs, supports, or standards of bath tubs, lavatory trays, sinks, marble and slate toilet room partition slabs, and the like high grade appliances and fittings for toilets and lavatories, which have marble, slate, tile, mosaic or tarrazzo floors.

The supports for baths, lavatories and partitions which are in use at the present time, are set upon the surface of the marble, slate, tiling or composition of the floor, and the lower ends of such supports are so shaped that it is very difficult to keep the floor clean around them. Furthermore, it is almost impossible to remove all of the dirt that gathers about the bases of the supports that rest upon the floor, consequently filth collects and hardens around the bottoms of such supports, notwithstanding the floors are mopped or washed and scrubbed frequently, and soon stains the floor and besides rendering it unsightly, causes an unsanitary condition.

The object of this invention is to provide a very simple and cheap support for tubs, lavatories, toilet partition slabs and the like, which will be set into the floor and which is of such shape that it can be easily cleaned and no dirt or filth left to soil or stain the floor or produce an unsanitary state.

Figure 1 of the accompanying drawings shows a sectional view of a portion of a bath tub mounted on a support that embodies this invention. Fig. 2 shows a form of the support designed for holding a marble or slate toilet room partition. Fig. 3 shows a modified construction of support for the same purpose. Fig. 4 shows a side elevation of a support which embodies the invention, designed for a porcelain sink.

The section 1 represents a small portion of one end of a bath tub of any desired design and construction. Such tubs are usually made with grooved hubs or ribs 2 on the bottom, and secured to these hubs by bolts 3 and nuts 4 are shoes 5, which are usually made of metal and either plated or

enameled, as desired. Beneath the shoe is a metallic cap 6. Projecting into the cap is the upper end of the support 7, which is preferably formed of vitreous material, such as porcelain or tile, but may be formed of marble, slate or other material. This support has a flange 8 at its lower end, which is desirably of the same thickness as the tile, marble, slate or other material of the floor 9, into which it is set. Projecting from the bottom of the support is a hub 10 that is let into the bed on which the floor surface is laid. The support is desirably circular in cross section and it curves all around from the outer edge of the flange upwardly to the side surface. The curvature of this support is so designed and it springs from the edge of the flange in such manner, that when the support is set in the floor the curve is tangent to the upper surface of the floor. In practice the support is desirably first set on the floor bed and then the floor of marble, slate, tile, mosaic or tarrazzo is laid around it at such a level that the floor surface is tangent to the curve of the support.

The head 11 of the support shown in Fig. 2 is of a form designed to hold the lower edge of a slab of marble or slate, such as is used for the purpose of partitioning toilet rooms. This head has a hub 12 which is screwed upon the tube 13 that fits the upper end of a cap 14. In the opening in the bottom of this cap there is a cushioning washer 15, which may or may not be used as desired. The upper end of the base or support 16, which is desirably formed of vitreous material, projects into the cap. This base has a flange 17, desirably the same thickness as the floor surface 18, and a tongue 19 which is set into the bed upon which the floor is laid. This support, which desirably is circular in cross section, has curved walls, the curve being such as to spring upwardly from the outer edge of the flange, tangentially with the upper surface of the floor, which is preferably laid to and about the flange of the support, after the support has been located in the desired position.

In the form shown in Fig. 3, the tube 20, which has a slab supporting head 21, rests upon a bearing plate 22. This bearing plate sets upon the upper end of the support 23, which is preferably made of vitreous material. A shield 24 of metal is desirably placed on the tube so as to cover the bearing plate and trim the lower end of the tube

and the upper end of the support. This support is also desirably circular in cross section and it has a flange 25 desirably of a thickness equal to the thickness of the floor 26.

5 The curvature of the lower part of this support begins at the level of the floor surface as in the preceding forms, and it is preferred to set the support when the floor is being put down, and lay the floor to it.

10 In the form shown in Fig. 4, the head 27 of the support 28 is designed for a sink or lavatory bowl. This support has a flanged lower end 29, desirably of the thickness of the floor 30, and its sides curve in such manner that there is no corner, ledge or shoulder
15 around it at its junction with the wearing face of the floor.

In all of the forms of supports shown, which are desirably made of the same material as the floor of the apartment in which
20 they are to be used, there is no corner, ledge or shoulder at the bottom for the collection of dirt and filth, that is, the supports are all so curved at the bottom that when they
25 are set in position and the floor is laid, there is a smooth surface, without break of any nature, extending along the top of the flooring and up the sides of the support.

As stated, it is desirable to first set the
30 supports and then lay the flooring material up to them. These supports can be utilized, as stated, for supporting bath tubs, lavatories, sinks and partitions as desired. They are readily set so that the top of the flange
35 will be level with the upper surface of the floor, and when a mop, brush or cloth is used

on the floor, the lower parts of the supports are cleaned the same as the floor, without any liability of leaving refuse or filth to stain the floor and produce an unsanitary condition. 40

The invention claimed is:

1. A support for a toilet fitting having a flange at the bottom, said flange having a vertical edge wall, designed to be set below
45 the level of the upper surface of the flooring, and a standard rising from the flange, the walls of said standard on all sides curving to the flange on the arc of a circle that will be tangent to the horizontal plane of the
50 upper surface of the flooring.

2. A support for a toilet fitting formed of vitreous material having a flange at the bottom, said flange having a vertical edge wall, designed to be set below the level of the
55 upper surface of the flooring, and a standard rising from the flange, the walls of said standard on all sides curving to the flange on the arc of a circle that will be tangent to the horizontal plane of the upper surface of
60 the flooring.

3. The combination with a flooring, of a support for a toilet fitting, said support being set into said flooring and having the walls of its base on all sides curved on the
65 arc of a circle that is substantially tangent to the upper surface of the flooring.

LEWIS D. BAYLEY.

Witnesses:

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