March 10, 1931. O. WITZLEB 1,796,176

PLUMBING FIXTURE DISPLAY STAND

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Fig. 1.

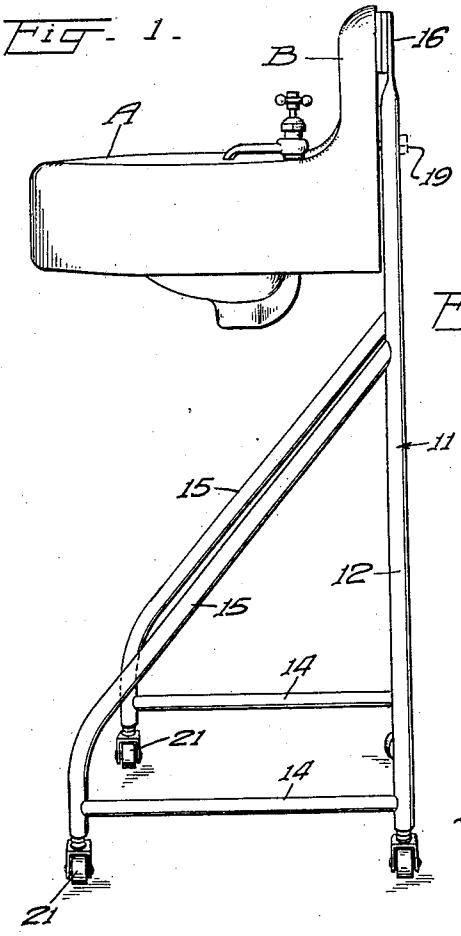


Fig. 2.

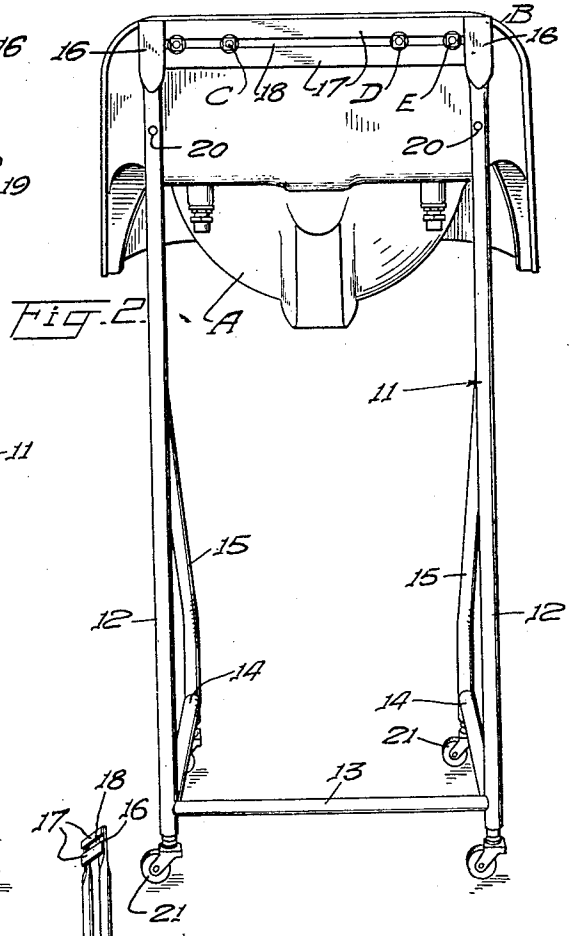
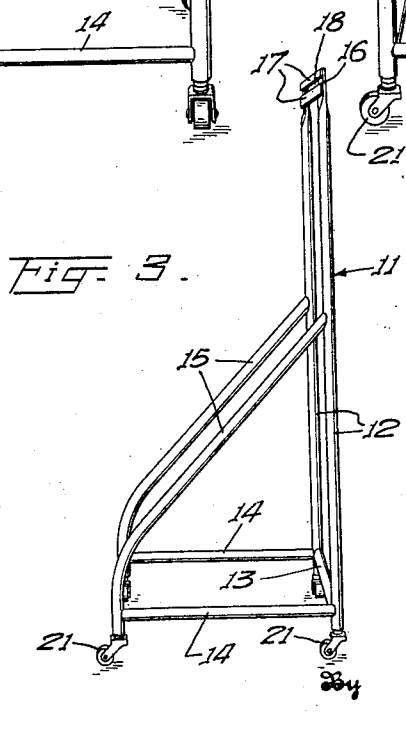


Fig. 3.



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Fig. 5.

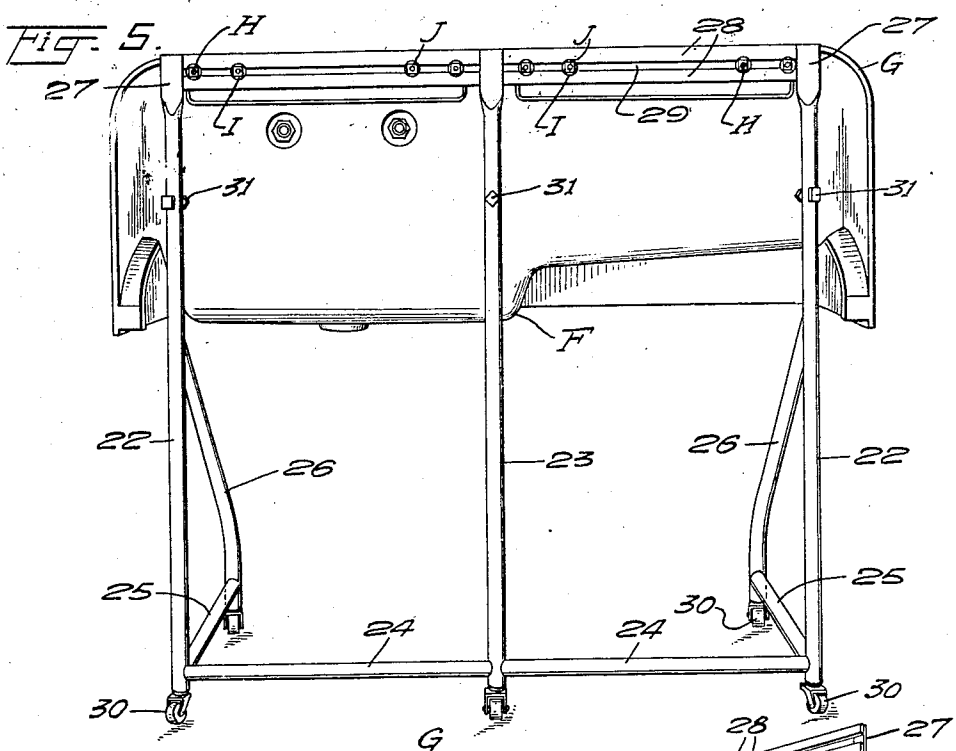


Fig. 4.

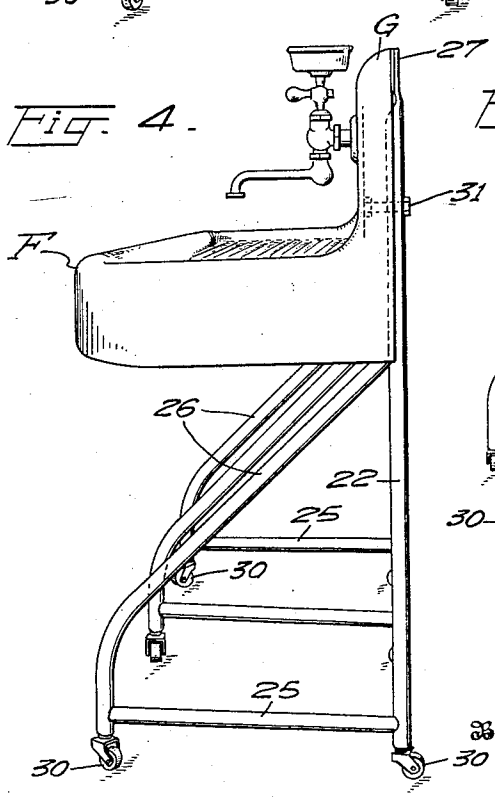
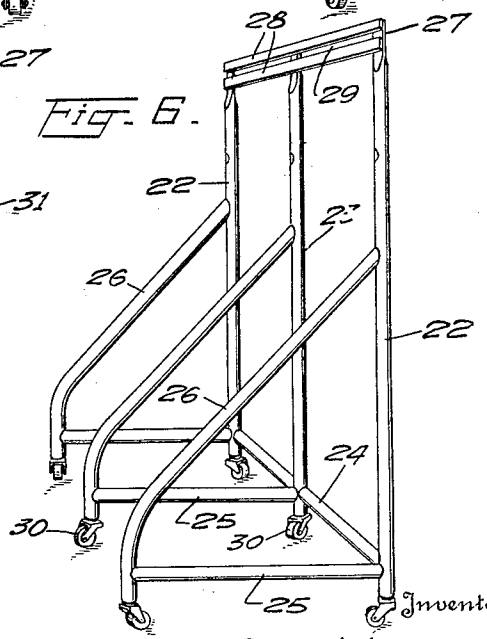


Fig. 6.



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PLUMBING FIXTURE DISPLAY STAND

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Fig. 7.

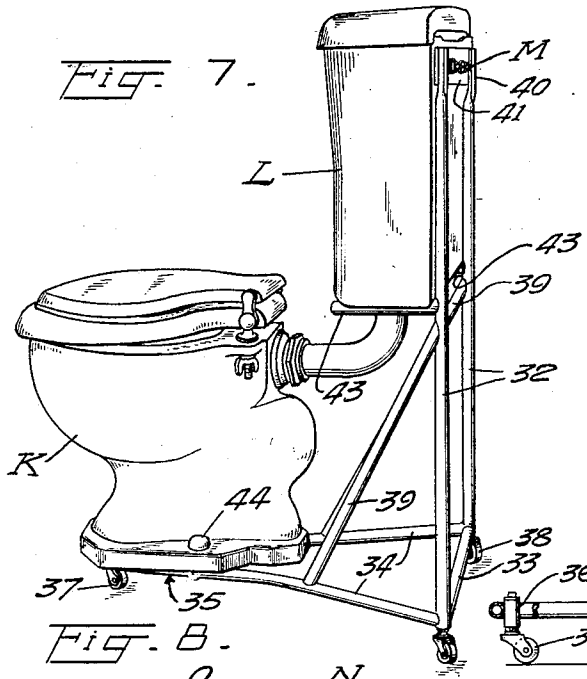


Fig. 9

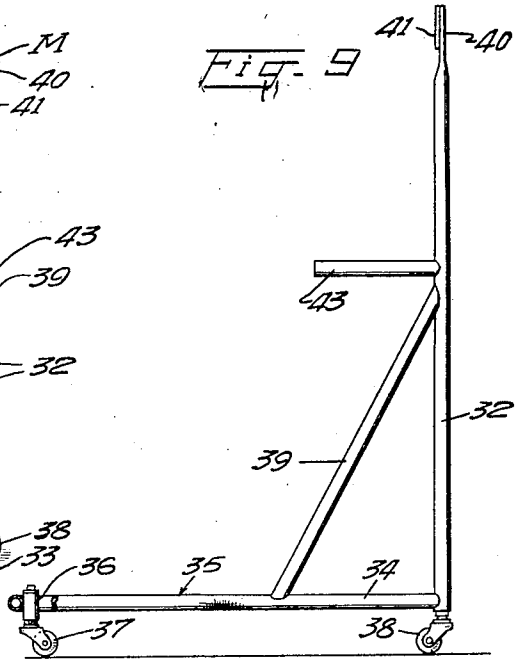


Fig. 8.

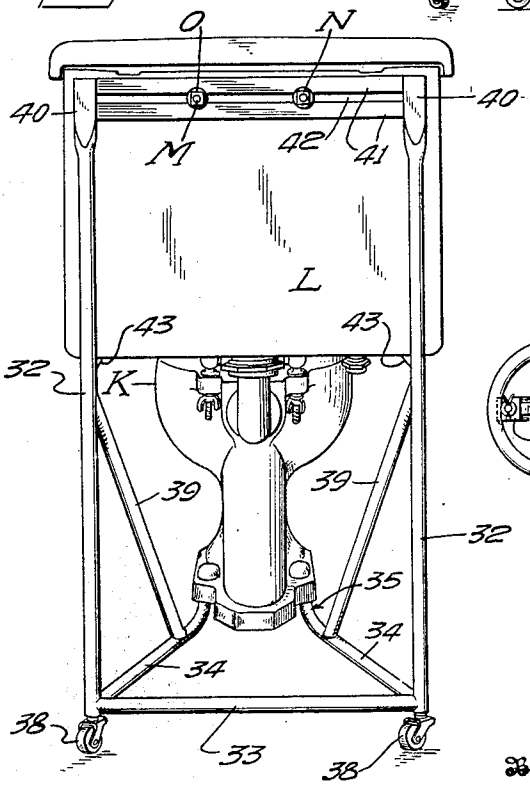
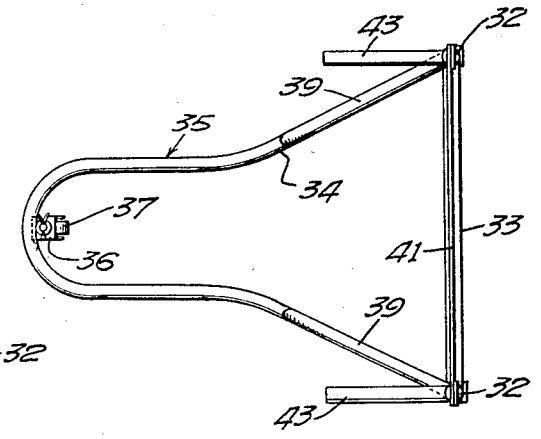


Fig. 10.



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Patented Mar. 10, 1931

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UNITED STATES PATENT OFFICE

OTTO WITZLEB, OF DIXON, ILLINOIS

PLUMBING-FIXTURE-DISPLAY STAND

Application filed July 29, 1929. Serial No. 381,884.

The invention relates to display devices, particularly to racks or supporting stands, and has for its object the provision of novel means for effectively and attractively displaying plumbing fixtures such for example as sinks, lavatories, toilets, etc.

An important object of the invention is to provide display means of this character which will maintain or support the various fixtures in a natural position similar to that which they will occupy when installed, the supporting means being, moreover, of such construction as to be readily movable about from place to place so that a particular fixture may be moved to permit a view or inspection thereof from all sides or at different angles and so that a plurality of fixtures may be easily grouped in a manner or position similar to their proper relation when actually installed, this latter mentioned feature being of advantage in assisting a customer in selecting harmonious types.

Another object is to provide a display stand for each of the types of fixtures mentioned which will support them in a natural position so that when they are moved about, as may readily be done, there will be no likelihood of causing any damage.

Another object is to provide supporting stands of this type of such construction as to be capable of holding fixtures of somewhat different characteristics in so far as location of securing bolts, etc. with which such fixtures are equipped is concerned.

An additional object is to provide display means of this type which will be very simple and inexpensive to make, easy to use, positive in action, efficient and durable in service, and a general improvement in the art.

To the attainment of the foregoing and other objects and advantages, the invention preferably consists in the details of construction and the arrangement and combination of parts to be hereinafter more fully described and claimed, and illustrated in the accompanying drawings in which:

Figure 1 is a perspective view of a display stand for supporting a washstand or lavatory, the view being taken from one side,

Figure 2 is a perspective view of the same taken from the rear,

Figure 3 is a perspective view of the stand alone,

Figure 4 is a perspective side view of a stand for displaying a sink which is shown as mounted thereon,

Figure 5 is a perspective view of what is shown in Figure 4 but looking from the rear,

Figure 6 is a perspective view of this type of stand alone,

Figure 7 is a perspective view taken from the side showing a supporting stand carrying a toilet bowl and tank,

Figure 8 is a perspective view of the same taken from the rear,

Figure 9 is a side elevation of this type of stand with the fixture removed, and

Figure 10 is a plan view thereof.

Referring more particularly to the drawings, and especially Figures 1 to 3 inclusive, I have shown a stand indicated as a whole by the numeral 11 for supporting a lavatory or washstand A which is here disclosed as of the type having an upstanding back or splash member B which, as is well known, is equipped with bolts C projecting from the rear, these bolts being provided for the purpose of effecting mounting upon a wall. The stand 11 may naturally vary in certain details, depending upon the preference of the manufacturer, but is preferably of tubular construction for the sake of lightness without sacrificing strength. The stand is represented as comprising uprights 12 connected at their lower portions by a transverse member 13 and also connected at their lower portions with horizontal members 14 which in turn connect with the lower ends of curved and inclined brace bars 15 which extend upwardly toward the uprights 11 and which are suitably secured thereto at the intermediate portions thereof. At their upper ends the tubular uprights 12 are shown as flattened at 16 and secured to spaced horizontal strips or plates 17 which have a slot 18 between them capable of receiving the bolts C. All of the various elements making up this stand may of course be secured together in any desired manner which may very con-

veniently be by means of brazing or welding of the joints as is common for example in the construction of bicycle frames and the like.

To mount the lavatory or washstand upon the device is a very simple matter as it simply involves holding the washstand at the proper elevation while the bolts C are passed through the slot 18, subsequently to which washers D and nuts E are applied to the bolts and tightened down. If desired, bolts 19 may be provided passing through holes 20 in the upper ends of the uprights and into the back or splasher B as indicated in Figures 1 and 2, or these bolts may simply abut against the back of the splash portion for the purpose of adjusting the position of the lavatory so that the back thereof will be vertical instead of the lower rear portion being permitted to drop downwardly and rearwardly as might perhaps occur under some circumstances. In order that the device may be fully portable the lower ends of the braces 15 and uprights 12 are shown as equipped with casters 21 which may be ball bearing or not as preferred.

In Figures 4 to 6 I have shown a slightly modified form of stand particularly adapted for displaying a sink F of a modern type having an upstanding back or splash portion G from which project bolts H. In adapting the invention for displaying a fixture of this type, it must necessarily be made in a larger size and for the lavatory though in other respects it is the same, there being no difference whatsoever in the principles involved. This form of stand is here shown as comprising end uprights 22 and an intermediate upright 23 connected by transverse members 24. Extending from the lower ends of the uprights are horizontal members 25 connected with the lower ends of curved and inclined brace bars 26 which extend upwardly and which connect with the intermediate portions of the uprights. The upper ends of all of the uprights are represented as flattened at 27 and are secured to a pair of strips or plates 28 spaced apart to provide a slot 29 between them. For the sake of portability, this stand is shown as provided with suitable casters 30 at the lower ends of the uprights and braces 26.

The sink is mounted upon the stand by holding it in the proper position while the bolts H are passed through the slot 29, subsequently to which washers I and nuts J are applied and the latter screwed down. If necessary other bolts 31 may be provided, passing through the uprights 22 and 23 and engaging within or against the back portion G of the sink.

In Figures 7 to 10 inclusive I have illustrated a slightly different form of stand for the support and attractive display of a fixture including a bowl and a tank indicated at K and L respectively, this being of course one assembly as is customary. In this instance the stand is disclosed as comprising uprights 32 connected at their lower ends by a transverse member 33 and having connected with their lower ends the diverging arms 34 of a lower frame member 35 of substantially U-shape provided at its bight with a bracket 36 carrying a caster 37. The uprights 32 are also provided with casters 38. Secured to the intermediate portions of the uprights 32 are inclined braces 39 which have their lower ends secured to the lower frame member 35 at the intermediate portions of the arms 34 thereof. The upper ends of the uprights are preferably flattened at 40 and are secured to strips or plates 41 spaced apart to provide slots 42 adapted to receive the bolts M which ordinarily project from the back of the tank L. The lower frame member 35 is adapted to support the bowl K which may be secured thereto if desired. To support the tank properly I have shown the uprights as provided with forwardly extending spaced parallel arms 43 which will engage immediately beneath the tank so as to relieve the strain upon the bolts M.

Installation or mounting is effected by placing the bolt in position and possibly securing it to the frame 35 by means of the elements illustrated at 44. The tank L rests upon the arms 43 and the bolts M pass through the slot 42. Final securing is effected by means of nuts N bearing against washers O on these bolts.

In all forms of the invention it will be readily apparent that whatever fixture is to be exhibited will be firmly and securely held upon its individual stand which may be pushed about from place to place if desired or necessary so that a prospective customer may have a thorough view. Devices mounted on such stands may be easily shifted about from place to place so that the most advantageous display may be made and so that it will be possible to make an artistic arrangement or grouping of different fixtures to illustrate how they would show up when installed. Other advantages in this respect will naturally suggest themselves to a dealer in such goods. Another feature of importance is that there is no danger of dropping any of the fixtures while handling them in the ordinary way and no likelihood of damage on account of any difficulty in moving them about. It is thought from the foregoing that the construction and advantages will be readily apparent to one skilled in the art without further explanation.

While I have shown and described preferred embodiments of the invention, it should be understood that the disclosure is merely an exemplification of the principles involved as the right is reserved to make all such changes in the details of construction as will widen the field of utility and increase the

adaptability of the device provided such changes constitute no departure from the spirit of the invention or the scope of the claims hereunto appended.

Having thus described the invention, I claim:

1. A display stand for a plumbing fixture comprising a frame including horizontal lower portions, uprights and braces connecting the same, members connecting the upper portion to the uprights and spaced apart to define a slot, securing elements passing through the slot and engaging within the back of the fixture, and other securing elements passing through the back of the fixture and through said uprights below said first named securing members.

2. A display stand for a plumbing fixture, comprising a frame including a horizontal lower portion, spaced uprights connected therewith, braces connected with the horizontal portion and the uprights, members connecting the upper portions of the uprights and spaced apart to define a slot, securing elements passing through said slot and engaging within the back of the fixture, and spaced parallel horizontal arms extending forwardly from said uprights and engaging beneath a portion of the fixture.

3. A portable display stand for a plumbing fixture of a type having an upstanding back portion and a horizontal lower portion, the stand comprising spaced vertical uprights connected at their lower ends to horizontal members constituting feet, a horizontal member connecting the uprights at their lower ends and extending transversely with respect to the feet, a horizontal longitudinally slotted member connecting the upper ends of the uprights, securing elements carried by and projecting rearwardly from the back of the fixture and extending through said slotted member and equipped with securing nuts at the rear thereof, and other securing elements passing through said uprights and the back of the fixture at points below said slotted horizontal member.

4. A portable display stand for a plumbing fixture of a type having an upstanding back portion and a horizontal lower portion, the stand comprising spaced vertical uprights connected at their lower ends to horizontal members constituting feet, a horizontal member connecting the uprights at their lower ends and extending transversely with respect to the feet, a horizontal longitudinally slotted member connecting the upper ends of the uprights, securing elements carried by and projecting rearwardly from the back of the fixture and extending through said slotted member and equipped with securing nuts at the rear thereof, other securing elements passing through said uprights and the back of the fixture at points below said slotted horizontal member, the uprights, foot members and first named horizontal member being of tubular frame construction, the upper ends of the uprights being flattened, and said slotted horizontal member being of plate form and secured to said flattened ends.

In testimony whereof I affix my signature.

OTTO WITZLEB.