July 27, 1948. C. H. ROOT 2,446,142

HANGER BRACKET FOR FAUCETS

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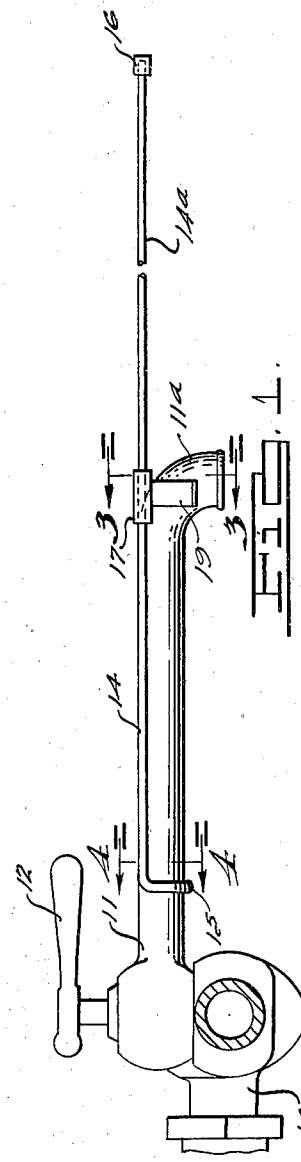


Fig. 1.

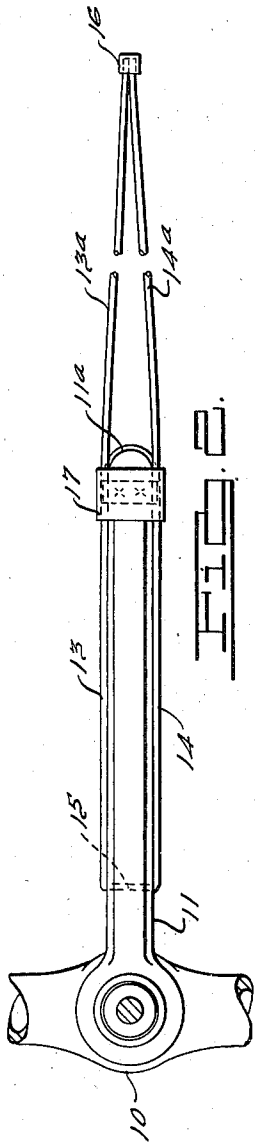


Fig. 2.

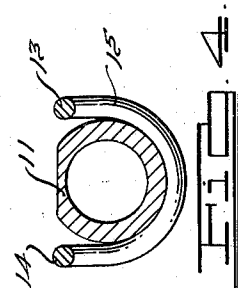


Fig. 4.

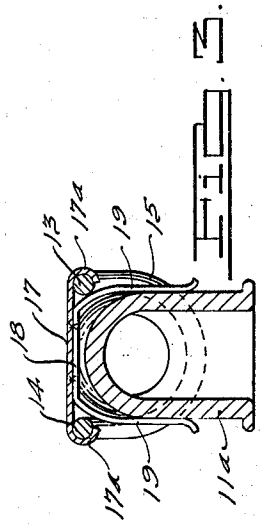


Fig. 5.

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HANGER BRACKET FOR FAUCETS

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5 Claims. (Cl. 248—212)

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This invention relates generally to hangers or brackets and particularly to a device of this character which may be detachably mounted on the swinging spout of a faucet for hanging towels, cloths or other articles to dry.

An object of the invention is to provide a hanger or bracket of improved construction which may be readily mounted on the swinging or swiveled spout of a faucet, especially faucets of the kind generally installed on kitchen sinks, and which will project outwardly beyond the end of the spout so as to permit towels, wash cloths, etc. to be conveniently hung over the basin or bowl to dry.

A further object of the invention is to provide a hanger or bracket adapted to be detachably connected to the swinging spout of a kitchen faucet, the hanger being preferably formed of wire to provide an end loop engaging beneath the rear end of the spout and having means adjustably positioned on the hanger frame for engagement with the depending end of the spout to prevent turning or displacement of the hanger during use.

Other objects of this invention will appear in the following description and appended claims, reference being had to the accompanying drawings forming a part of this specification wherein like reference characters designate corresponding parts in the several views.

Fig. 1 is a side elevation, partly broken away, illustrating a hanger bracket, embodying the present invention, mounted in operative position upon the spout of a faucet.

Fig. 2 is a plan view of the construction shown in Fig. 1.

Fig. 3 is an enlarged section taken substantially through lines 3—3 of Fig. 1 looking in the direction of the arrows.

Fig. 4 is an enlarged section taken substantially through lines 4—4 of Fig. 1 looking in the direction of the arrows.

Before explaining in detail the present invention it is to be understood that the invention is not limited in its application to the details of construction and arrangement of parts illustrated in the accompanying drawings, since the invention is capable of other embodiments and of being practiced or carried out in various ways. Also it is to be understood that the phraseology or terminology employed herein is for the purpose of description and not of limitation.

In Figs. 1 and 2 of the drawings there is illustrated a water faucet 10 of the conventional type generally used on kitchen sinks, this faucet having the usual outwardly extending spout 11 swiveled on the body of the faucet to swing horizontally. The faucet is also provided with the usual mixing valve for controlling the flow of hot and cold water to the spout and a handle 12 for operating the valve.

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In the present preferred embodiment of the invention the bracket is formed from a single length of suitable gauge wire which is bent back upon itself to provide two spaced longitudinally extending side members 13 and 14 which preferably extend in parallelism for a distance corresponding to or approaching the length of the spout 11. At the juncture of the wire side members 13 and 14 the wire is bent downwardly at right angles to provide a loop portion 15 which is of suitable diameter to embrace fairly snugly the sides of the spout 11.

As stated above, the side members 13 and 14 are parallel for a suitable distance and thence these side members are bent toward each other to provide elongated converging portions 13a and 14a. At their meeting point at the forward terminal end of the converging sides 13a and 14a the latter are secured together in any suitable manner, such as by means of a cap 16.

Slidingly mounted upon the parallel side portions 13 and 14 is a slide 17 which may be formed from sheet metal. This slide extends across the tops of the wire side members 13 and 14 and terminates at opposite ends in downwardly bent partially coiled portions 17a which embrace the side members 13 and 14 sufficiently to hold the slide in position while at the same time permitting it to be shifted toward and from the end loop 15. Secured to the underside of the slide 17, such as by spot welding, is a clip 18 formed from spring metal and provided with spaced depending spring prongs 19.

The hanger bracket may be readily installed in position upon the spout 11 of the faucet by inserting the downwardly extending end 11a of the spout between the sides 13 and 14 of the bracket and then sliding the bracket rearwardly into position to cause the loop 15 to engage beneath the spout near the rear end thereof, as in the manner illustrated in Figs. 1 and 2. Thereupon the slide 17 is shifted along the side members 13 and 14 so as to position the same at a point immediately above the nozzle end 11a of the spout. Thereupon the bracket is forced down to cause the prongs 19 to embrace the sides of the nozzle 11a and grip the same. The prongs 19 of the clip 18 are preferably spaced apart in normal condition a distance less than the width

of the nozzle 11*a* so that when the clip is forced into position, as illustrated in Fig. 3, the prongs will be spread apart and will grip the sides of the spout under spring tension. The converging side portions 13*a* and 14*a* of the bracket, when the latter is mounted in the manner illustrated in the drawings, will project outwardly from the spout a suitable distance to overhang the bowl or basin of the sink and permit articles to be hung thereon to dry. The weight of these articles suspended on the overhanging end of the bracket will not displace the latter due to the engagement of the loop 15 beneath the rear end of the spout and the engagement of the slide 17 with the top of the spout near the outer end thereof. Furthermore, the engagement of the prongs 19 with the sides of the spout will prevent the bracket from turning while in use.

I claim:

1. A hanger bracket attachable to the swinging spout of a faucet, comprising a length of wire bent intermediate its ends to provide spaced sides terminating at one end in a downwardly extending loop portion adapted to embrace the bottom and sides of the spout, and a device slidingly mounted on said sides and having means engageable with the sides of the spout at a distance from said loop portion for assisting in holding the bracket in position.

2. A hanger bracket attachable to the swinging spout of a faucet, comprising a length of wire bent intermediate its ends to provide spaced sides terminating at one end in a downwardly extending loop portion adapted to embrace the bottom and sides of the spout, and a spring clip slidingly mounted on said sides and engageable with the spout for assisting in holding the bracket in position.

3. A towel bracket or the like attachable to the swinging spout of a faucet, comprising spaced side members terminating at one end in a depending loop portion adapted to embrace the bottom and sides of the spout, said side members having forwardly extending converging portions adapted to project outwardly of the end of the spout, and means on said side members engageable with the spout at a distance from said loop portion for assisting in holding the bracket in place.

4. A towel bracket or the like attachable to the swinging spout of a faucet, comprising spaced side members terminating at one end in a depending loop portion adapted to embrace the bottom and sides of the spout, said side members having parallel portions extending a predetermined distance from said loop portion and terminating in forwardly extending converging portions meeting at a point spaced outwardly of the end of the spout and lying in substantially the same plane as the parallel portions.

5. A towel bracket or the like attachable to the swinging spout of a faucet, comprising spaced side members terminating at one end in a depending loop portion adapted to embrace the bottom and sides of the spout, said side members having parallel portions extending a predetermined distance from said loop portion and terminating in forwardly extending converging portions meeting at a point spaced outwardly of the end of the spout, and means movably mounted on said parallel portions engageable with the end of the spout for holding the bracket in position.

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