Jan. 30, 1934. A. R. DE PASS 1,945,423

SUPPORTER FOR GARDEN HOSE NOZZLES

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FIG. 1.

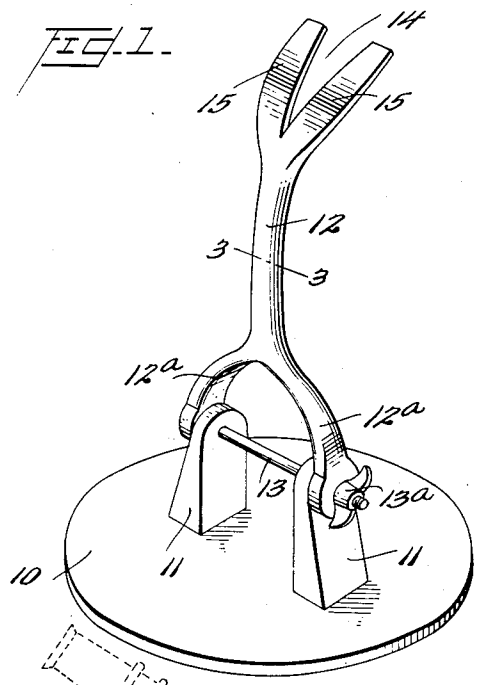


FIG. 3.



FIG. 2.

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SUPPORTER FOR GARDEN HOSE NOZZLES

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1 Claim. (Cl. 248—29)

The present invention relates to supporters for garden hose nozzles.

An object of the invention is to provide an improved portable supporter that can be manufactured to sell at a relatively low price.

Another object is to provide a device of this type in which the angle of discharge of the nozzle can be adjusted merely by pulling or pushing on the hose.

Another object is to provide a device of this type which holds the nozzle so that it will not slip.

Another object is to provide a supporter of the type mentioned of such shape that any desired practical angle of discharge of the nozzle can be obtained, even a vertical discharge, which is very desirable when the nozzle is adjusted to give a spray.

Another object is to provide a device of this type that is neat and artistic in appearance.

Other objects and features of novelty will be apparent from the description taken in connection with the drawing, in which,

Figure 1 is a perspective view of one embodiment of the present invention;

Figure 2 is a side elevation of the device, a hose nozzle and hose being shown in dotted lines; and

Figure 3 is a cross section taken on line 3—3 of Fig. 1.

Referring to the drawing, the supporter comprises a base 10 in the form of a plate, preferably a disk. Symmetrically located with respect to the center of the disk and projecting upwardly from the upper face thereof, are two spaced lugs or trunnions 11.

The supporter arm 12 is bifurcated at its lower end and the bifurcations 12ª straddle the lugs 11 and are pivotally mounted on a bolt or spindle which extends through the tip ends of the bifurcations and the lugs. One end of the bolt 13 is threaded and has a thumb nut 13ª thereon whereby the frictional engagement of the bifurcations against the lugs 11 can be adjusted.

The free end portion of the arm 12 is formed with a notch 14. This free end with the arms 15 forming the notch is convexedly curved about an axis 16 parallel to the axis of bolt 13, as clearly shown in Fig. 2. The nozzle of the hose is adapted to be placed in the notch 14, as shown in Fig. 2, with the arms 15 of the notch disposed in the peripheral groove 17 located near the base of the nozzle. If desired, the portion of the arm between the free end part and the bifurcation at the lower end can be slightly curved convexedly as shown at A in Fig. 2. As shown in Fig. 3, the intermediate portion of the arm 12 is preferably elliptical in cross section, the long axis of the ellipse being parallel to the axis of the bolt 13. It will be noted that this latter axis is adjacent the base of the supporter.

In operation, the nozzle is disposed in the notch 14, as previously described, and the thumb nut 13 turned so as to hold the arm A frictionally in any position at which it may be set. It will be understood that the thumb nut is not screwed up tight enough to lock the arm against turning. On the contrary, it is adjusted so that the arm 12 may be turned on its pivot merely by pushing or pulling the hose. Because of the curved free end portion of the arm, the device permits adjustments to give any practical angle of discharge from the nozzle in spite of the fact that the overall height of the supporter is not great. Furthermore, this curved end portion permits the nozzle to be moved to a position where practically a vertical discharge is obtained. This is desirable where the nozzle is adjusted for spraying.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

A supporter for a garden hose nozzle of the type having a peripheral groove adjacent the base thereof including, in combination, a supporting base consisting of a flat plate, a pair of spaced vertical lugs formed integrally with said plate, an arm bifurcated at each end, the bifurcations of the upper end of said arm adapted to receive the nozzle and disposed in said groove, the bifurcations of the lower end of said arm arranged to straddle said spaced vertical lugs, a bolt passing through said bifurcations and lugs and defining a horizontal axis about which said arm may be pivoted, a wing nut on said bolt for effecting adjustable frictional engagement between said lugs and bifurcations to allow said arm to be moved to adjusted positions by pushing or pulling on the hose the upper bifurcated end of said arm being curved about a horizontal line parallel to said axis whereby the vertical angular adjustment of said hose may be effected even to the extent of being directed vertically upward.

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