J. S. LEYERER.

SUPPORT FOR HOSE NOZZLES.

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1,373,087. Patented Mar. 29, 1921.

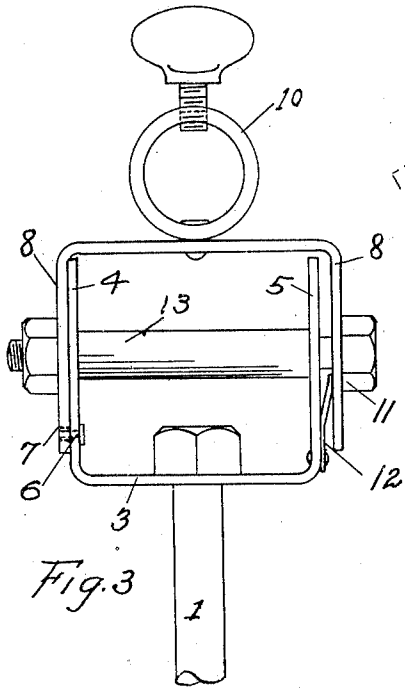


Fig. 3

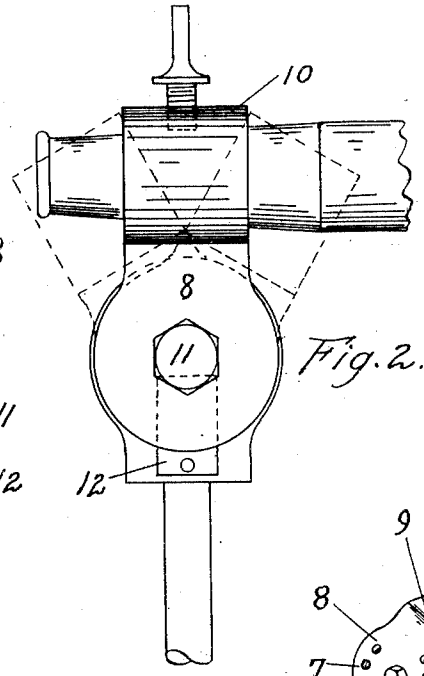


Fig. 2.

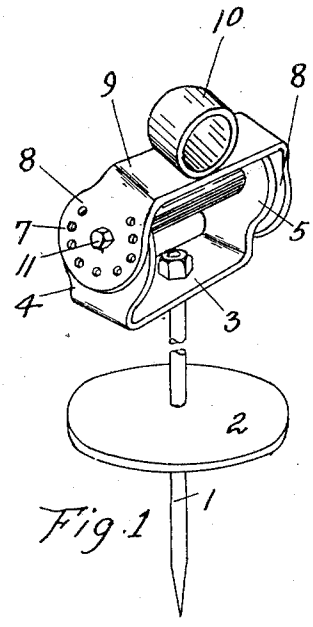


Fig. 1

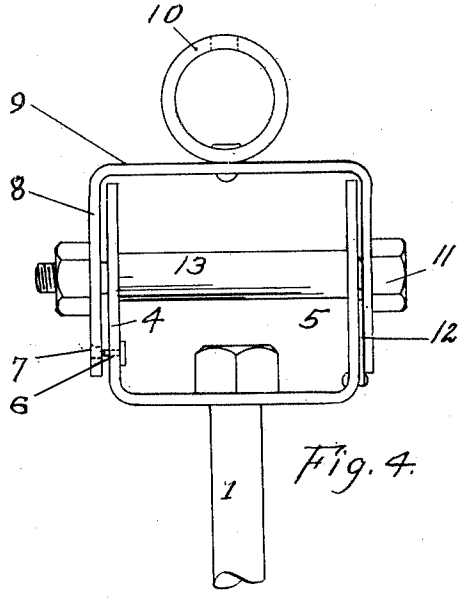


Fig. 4.

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SUPPORT FOR HOSE-NOZZLES.

1,373,087. Specification of Letters Patent. Patented Mar. 29, 1921.

Application filed October 8, 1920. Serial No. 415,498.

To all whom it may concern:

Be it known that I, JOHN S. LEYERER, a citizen of the United States, residing at Saginaw, in the county of Saginaw and State of Michigan, have invented certain new and useful Improvements in Supports for Hose-Nozzles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to supports for hose nozzles and pertains more particularly to an improved article of manufacture comprising a hose nozzle support that is simple in construction, inexpensive to manufacture, durable and capable of permitting a hose nozzle to be supported and held at any desired angle, horizontally or vertically, the adjustment in the horizontal plane being upon a swiveled standard secured in the ground and the adjustment in the vertical plane being automatically produced by a spring actuated locking device that securely holds the nozzle in its adjusted position.

With the foregoing and certain other objects in view which will appear later in the specification, my invention comprises the devices described and claimed and the equivalents thereof.

In the drawings, Figure 1 is a perspective view, broken away in part, showing a nozzle support of my improved construction.

Fig. 2 is a side elevation of the support with the hose nozzle engaged therein, various adjustments in a vertical plane being indicated by dotted lines.

Fig. 3 is an end view of the parts shown in Fig. 2, with the device locked in an adjusted position.

Fig. 4 is a similar view, showing the parts in the same adjusted position, but unlocked.

As is clearly shown in the drawings, the device consists in a pin or standard 1, upon which may be secured a supporting disk 2 adapted to act as a stop, upon the surface of the ground, when the pin 1 is pushed in. 3 is a yoke swiveled to the upper end of pin 1, and is provided with upwardly extending lugs 4 and 5; one of these lugs, as 4, carrying a projecting pin 6 adapted to engage perforations 7 in one side 8 of a swiveled U-shaped bracket 9, upon which is carried a suitable hose-nozzle engaging member 10.

The sides 8, 8 are pivoted by means of a pintle 11 to the lugs 4 and 5. The distance between the sides 8, 8 is greater than the distance between the lugs 4 and 5, and in the endwise clearance so produced is mounted a spring 12, which may be secured either to the lug 5 or the side 8 as desired. The function of this spring is to normally keep the lug 4 and the side 8 in contact, as in Fig. 3, so that the pin 6 will engage one of the holes 7 and thus removably lock the two lugs in their relatively adjusted position. To unlock them and change the direction of the hose nozzle in a vertical plane, it is only necessary to squeeze together the lug 5 and side 8, thus compressing the spring, moving the bracket 9 slightly lengthwise the pintle 11 and releasing the pin 6 from the opening 7; then reëntering the pin in another hole.

Upon the pintle 11 is preferably mounted a sleeve 13 to act as a spacer for the lugs 4 and 5.

By the means above described I have produced a simple and inexpensive hose-nozzle support that can be readily adjusted to any vertical position without the use of tools or wrenches, and can be easily swung to any desired horizontal position. It can be manufactured at small expense and constitutes a useful and novel article of manufacture.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

In a device of the character described, a pin, a yoke secured to the upper end of said pin, said yoke formed with upwardly extending lugs, a laterally projecting pin secured to one of said lugs, a spring secured to the other of said lugs, a U-shaped bracket with a pair of downwardly projecting sides, a pintle carried by said lugs and slidingly and rotatably engaged by said sides, one of said sides formed with a plurality of holes adapted to receive said projecting pin in various adjusted positions of said bracket, and a hose-nozzle holder carried by said bracket, for the purposes set forth.

In testimony whereof, I affix my signature in presence of two witnesses.

JOHN S. LEYERER.

Witnesses:

RUDOLPH ASBECK,

ROBERT C. WEBER.