Mar. 6, 1923. 1,447,579.

E. E. THOMAS.

GARDEN HOSE SUPPORT.

FILED MAY 2, 1921.

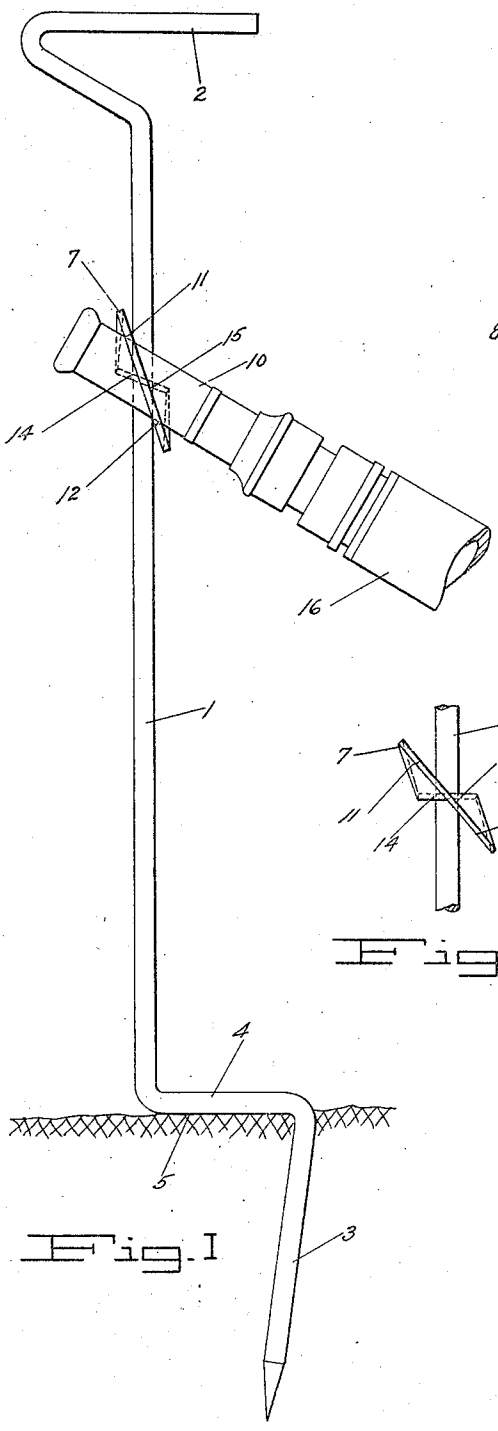


Fig. I

Fig. III

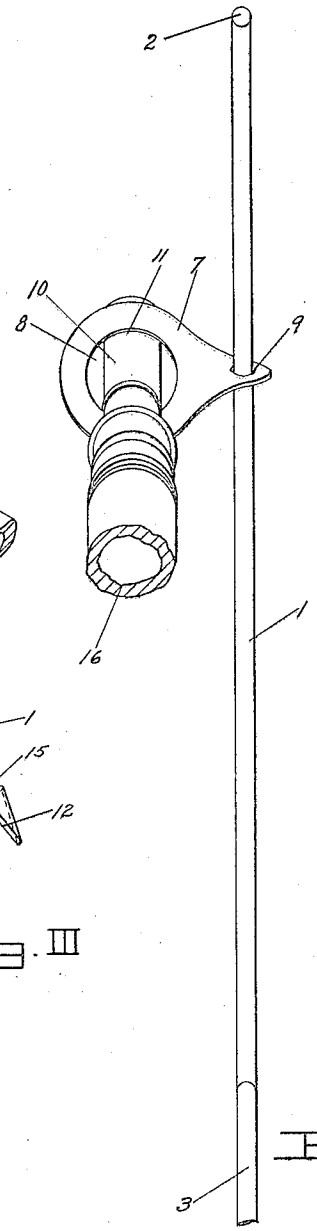


Fig. II

Inventor
Edwin E. Thomas.
By Atkins & Atkins
Attorneys

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UNITED STATES PATENT OFFICE.

EDWIN E. THOMAS, OF PORTLAND, OREGON, ASSIGNOR TO WILLIAM I. CHIDESTER, OF PORTLAND, OREGON.

GARDEN-HOSE SUPPORT.

Application filed May 2, 1921. Serial No. 466,058.

To all whom it may concern:

Be it known that I, EDWIN E. THOMAS, a citizen of the United States of America, and resident of Portland, in the county of Multnomah, in the State of Oregon, have invented certain new and useful Garden-Hose Supports, of which the following is a specification, reference being had to the accompanying drawing.

My invention relates to means for supporting garden hose in service, and for directing thereby discharge of water therefrom.

The object of my invention is to produce a supporter of great simplicity, efficiency, and cheapness of construction.

What constitutes my invention will be hereinafter specified in detail and succinctly set forth in the appended claim.

In the accompanying drawing,

Figure I is a side elevation of my supporter complete, in present preferred form of embodiment, with a hose-nozzle and section of hose shown as carried thereon in service.

Figure II is a similar view, partly broken away, taken at right angles to the view shown in Figure I.

Figure III is a detail view of the hose engaging element, similar to the view thereof in Figure I, but illustrating change of position thereof in respect to the standard, necessary for adjustment of the height of said element on the standard.

Referring to the numerals on the drawing, 1 indicates the body part of a standard, that preferably consists of a straight rod, and which terminates as to its upper end in a handle 2, and as to its lower end in a setting-tang 3. The handle 2 and tang 3 are preferably made integrally with the body 1, as by bending a rod of length sufficient into desired shape. The tang is preferably united to the body by a horizontally deflected base 4, which, in use, makes contact against the surface of the ground indicated at 5, so as to lend stability to the body when the tang 3 is stuck into the ground. Also, inclination of the tang relatively to the body is preferably provided for a like purpose, as well as for conveniently adjusting the angle of inclination of the body to the contour of the surface of the ground.

Upon the body 1 is slidably mounted a hose engaging element or bracket 7 formed preferably of sheet metal which constitutes the hose supporter proper. It consists of a metallic plate that is provided with two openings 8 and 9. The opening 8 is made of ample dimensions to accommodate any ordinary hose-nozzle 10, and the opening 9 is made to fit loosely the body 1. The material of which the element is made is bent or deflected so as to present the respective openings 8 and 9 therein in different planes, as shown in Figures I and II, in order to afford a desired angle of inclination between the nozzle 10 and the substantially vertical body part 1 of the standard.

The diametrically opposite portions of the wall that defines the opening 8 are provided on opposite sides with upper and lower biting edges 11 and 12, respectively. Likewise, the opening 9 is provided with biting edges 14 and 15. The edges 11 and 12 are designed and adapted to engage opposite sides of the nozzle 10 when inserted through the hole 8, and hold it in the position of adjustment imparted to it. The edges 14 and 15 engage, in like manner, the body part 1. By a slight twist of the element 7 on its horizontal axis, engagement between the edges 14 and 15 and the body part 1 may be broken, as indicated in Figure III, when the element 7 may be adjusted to any desired position along the body of the standard.

The weight and down-drag of the hose 16 attached to the nozzle 10 suffice to insure automatic biting action of the edges 11—12 and 14—15 upon the objects they are respectively designed to engage.

The operation of my device may be briefly described as follows. The operator, having selected the spot in which he wishes to plant his standard, thrusts the tang 3 thereof into the ground until the base 4 makes firm contact therewith. The angle of inclination of the body 1 to the surface of the ground may be varied at pleasure, but its disposition is in so far vertical as to admit of gravitational co-operation with it of the biting edges of the element 7.

After the setting of the standard in the ground, the element 7 is adjusted, in the manner already described, to desired height upon the standard, and the nozzle 10 is likewise adjusted in the element 7, its angle of adjustment being one factor that controls the distance of the throw of the water from

the nozzle. Readjustment of the element 7 and of the nozzle 10, and resetting of the standard may be conveniently made at any time in order to change the area covered by the nozzle discharge.

What I claim is:

A hose supporter having in combination a standard, a sheet metal bracket provided at one end with an opening for the reception of said standard, and at its opposite end with an opening for the reception of the hose nozzle, said bracket twisted intermediate its ends so that the nozzle opening will be in a different plane than said standard opening and at an acute angle to the vertical, and means for effecting the adjustment of said bracket on said standard at any elevation desired, said means comprising diametrically opposed upper and lower biting edges arranged in the periphery of the said openings, and adapted to coact to automatically secure the standard and the nozzle to the bracket for the purpose specified.

In testimony whereof, I have hereunto set my hand in the presence of two subscribing witnesses.

EDWIN E. THOMAS.

Witnesses:

LEICESTER B. ATKINS,
SARAH Z. RILEA.