

F. W. FINGER.
HOSE NOZZLE SUPPORT.
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1,140,145.

Patented May 18, 1915.

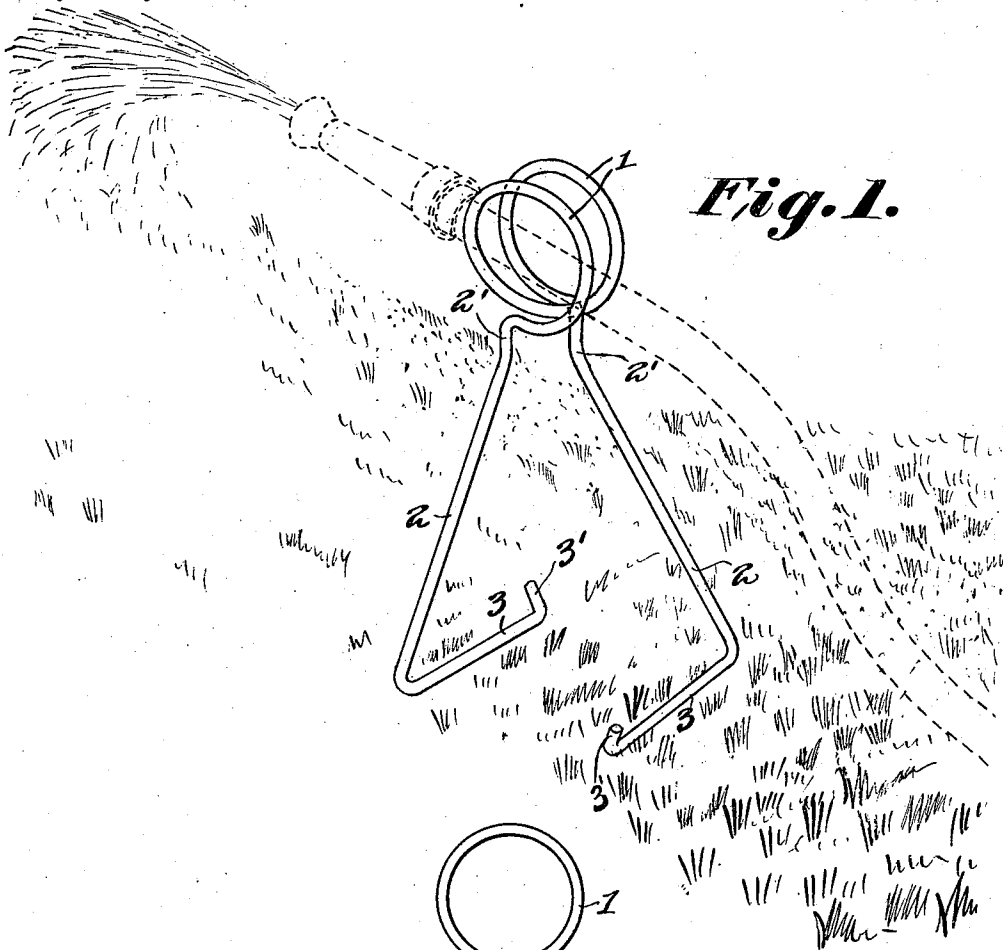


Fig. 1.

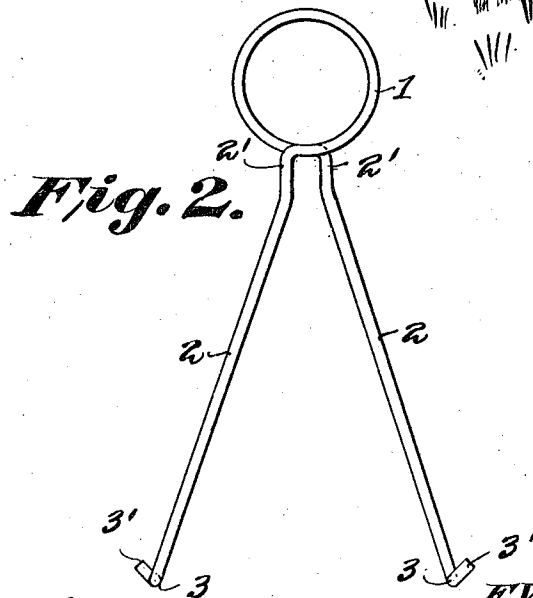


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

FREDERICK W. FINGER, OF LOUISVILLE, KENTUCKY.

HOSE-NOZZLE SUPPORT.

1,140,145.

Specification of Letters Patent.

Patented May 18, 1915.

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To all whom it may concern:

Be it known that I, FREDERICK W. FINGER, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Hose-Nozzle Supports, of which the following is a specification.

This invention relates to improvements in stands of the type particularly adapted for supporting hose or other spraying apparatus, and the objects in view are simplicity, cheapness and efficiency.

The invention comprises certain novel constructions, combinations and arrangements of parts as will be hereinafter specified and claimed.

In the accompanying drawing,—Figure 1 is a perspective view of an apparatus embodying the features of the invention, an application of hose thereto being indicated in dotted lines. Fig. 2 is an end view thereof.

Referring to the drawing by numerals, 1 indicates the body of a support, which body consists of a spring coil formed of one or more helices, the terminals of which extend from the body in the form of legs 2, 2, and terminate in feet 3, 3, the whole being formed preferably of spring wire or rod. Each of the legs 2 extends on an incline in two directions, one at an angle to the longitudinal axis of the body 1, as seen in Fig. 1, and the other at a tangent to the circle described by the body 1, as seen in Fig. 2. Prior to extending on the latter incline, each of the legs is formed with a relatively straight portion 2' connected directly with the respective terminals of the body 1, the said terminals lapping the main portion of the helices, as clearly seen in Fig. 2.

The dual inclination of each leg 2 causes the lower ends of the legs to be spaced apart axially and also spaced apart laterally, whereby the feet 3 afford an effective purchase upon the supporting surface without the need for a penetrating point or other

positive engagement with such surface. The foot 3 of one leg 2 extends in the reverse direction from that of the other leg, and each extends approximately a distance equal to the axial spacing of the lower ends of the legs, and the two feet being parallel afford a support for the legs and body portion equal approximately to that which would be afforded by a rectangular platform whose length would equal the length of the feet 3 and whose width would equal the distance of lateral spacing of the lower ends of the legs, that is the distance between the feet 3.

To stiffen the free end of each foot 3, the respective terminal is bent into a hook portion 3'.

The complete structure is capable of being nested with other like devices in very compact form for shipment, and in use the operation of the device is obvious. The feet 3 are caused to rest upon the ground or other supporting surface and the nozzle is thrust through between the helices of the body portion 1 as seen in Fig. 1, and may be set in any position or at any angular relation desired. The nozzle is thus clamped and held firmly in the angular position given, regardless of differences in diameter of different hose.

What is claimed is:—

1. A hose stand comprising a helical body, and divergent legs extending from the ends of the body, said legs diverging both laterally and axially.

2. A hose stand comprising a helical spring body, and divergent legs extending respectively from the ends of the body, said legs diverging both laterally and axially.

3. A hose stand comprising a helical spring body, legs diverging both laterally and axially from the ends of the body, and a foot extending from the lower end of each leg, each foot extending toward the plane of the other leg.

4. A hose stand comprising a helical spring body, legs diverging both laterally and axially from the ends of the body, and

a foot for each leg extending toward the plane of the other leg, said feet being disposed substantially parallel to each other.

5 A hose stand comprising a single spring metal stand bent into helices forming a body portion and having portions extending from the helices in the form of legs diverging from the body portion both axially and laterally and most nearly approaching

each other substantially at the point of juncture with the body portion.

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

FREDERICK W. FINGER.

Witnesses:

A. M. MURPHY,
WM. A. BAKER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."