

G. HABIG.
HOSE OR NOZZLE HOLDER.
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982,597.

Patented Jan. 24, 1911.

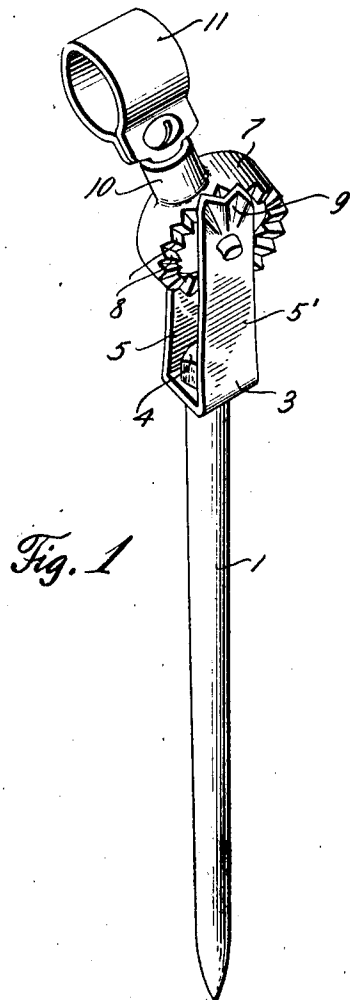


Fig. 1

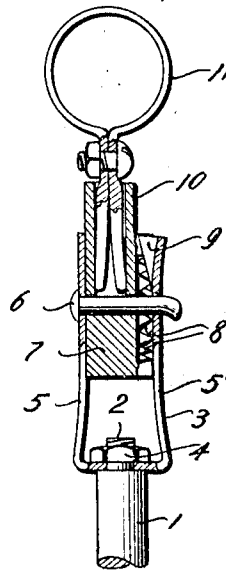


Fig. 2

Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE HABIG, OF LOS ANGELES, CALIFORNIA.

HOSE OR NOZZLE HOLDER.

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Specification of Letters Patent.

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Application filed May 25, 1910. Serial No. 563,450.

To all whom it may concern:

Be it known that I, GEORGE HABIG, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Hose or Nozzle Holders, of which the following is a specification.

This invention relates to hose nozzle supports, and has for its object to provide one which may be adjusted to throw water at various distances by varying the angle of elevation of the nozzle.

It also has in view the provision of a device of the above character with a swivel connection by which the nozzle may be adjusted to throw the spray in any direction which may be desired.

With the above and other objects in view, this invention consists of the construction, combination and arrangement of parts all as hereinafter more fully described, claimed and illustrated in the accompanying drawings, wherein:

Figure 1 is a perspective of the present invention: Fig. 2 is a vertical cross section, parts thereof being left in elevation.

Referring more particularly to the drawings, 1 indicates a spike or supporting member which is inserted in the ground for supporting the device, said spike having a reduced threaded portion 2 at its upper terminal which is adapted to protrude through an opening provided in a U-shaped member 3, the latter being retained to the spike by a nut 4. The U-shaped member is preferably made of flat metal and comprises a base provided with an opening above referred to and a pair of substantially parallel vertical spring or yielding arms 5 and 5', each arm being provided with coinciding openings through which a shaft or pivot 6 passes. Rotatably mounted upon the shaft 6 is a disk 7, one of its faces being toothed or serrated as at 8, said serrations being adapted to cooperate with a plurality of corrugations or teeth 9 provided on the terminal of the spring arm 5.

Radially projecting from the disk 7 is a tubular member or projection 10, the opening in said member extending to the shaft 6. A band or nozzle retainer 11 is adapted to retain the nozzle, the terminals of said band or collar being reduced to form semi-circular projections and which when brought to-

gether coincide forming a circular projection which is adapted to fit into the tubular projection 10 for retaining the nozzle in position. The band 11 is made from spring metal and is clamped about the nozzle by any means, preferably a bolt or nut, said bolt passing through openings provided in the band, or above the reduced portions. The reduced portions of the band are sprung apart so as to produce friction enough within the tubular projection for retaining the band or collar to the disk and at the same time permitting removal of the same.

The end of the shaft 6 is bent downwardly, thus permitting the lateral movement of the spring arm 5' caused by the action of the serrated face of the disk 7 with the corrugations of the arm in adjusting the device.

It will be seen from the above that the nozzle may be adjusted to any angle of elevation and retained to that angle by the cooperation of the arm 5 with the disk 7. It will also be seen that the nozzle may be positioned to spray in any direction by the swivel connection of the band or collar with the disk. This device, due to its novel construction, may be cheaply manufactured. The device as a whole may be left attached to the hose, the spike and the U-shaped member being folded or placed so as to lay flat against the same, or it may also be severed from the hose by the swivel connection if it is so desired.

What is claimed as new is:

In a nozzle support, a spike having a U-shaped member detachably secured thereto, one arm of said U-shaped member being corrugated, a shaft mounted in said U-shaped member, one extremity of said shaft being bent, a disk provided with a tubular projection rotatably mounted on said shaft, one face of said disk being serrated to engage with the corrugated portion of the arm, said arm being yieldable to permit the rotation of said disk, and a nozzle retainer detachably and rotatably secured in said tubular projection for the purposes herein set forth.

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

GEORGE HABIG.

Witnesses:

W. M. HOLBROOK,
MAYBELLE E. BURKE.