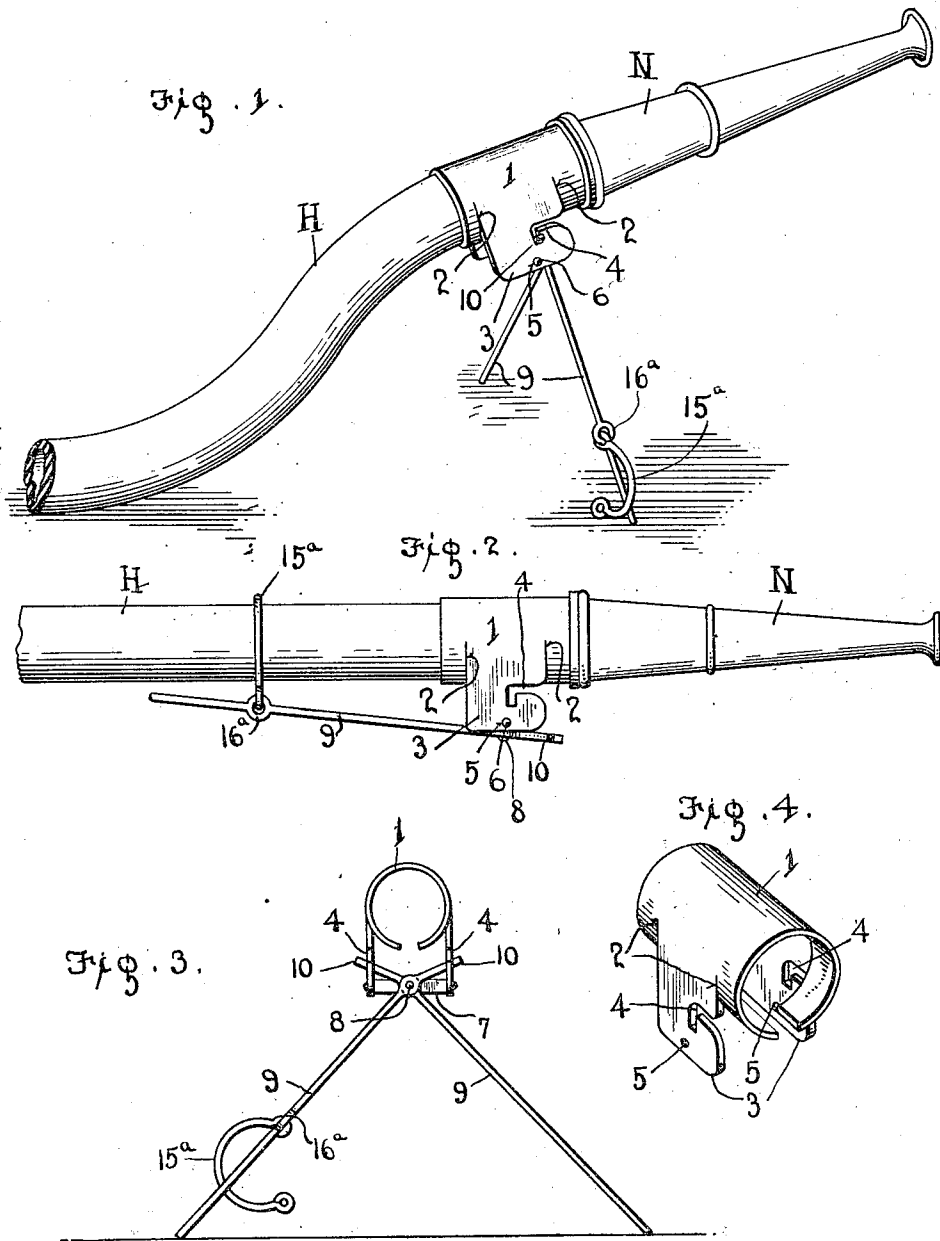


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 NOZZLE HOLDER.
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1,007,657.

Patented Oct. 31, 1911.



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UNITED STATES PATENT OFFICE.

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NOZZLE-HOLDER.

1,007,657.

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To all whom it may concern:

Be it known that I, FREDERICK W. FREUND, citizen of the United States, residing at Santa Monica, in the county of Los Angeles and State of California, have invented certain new and useful Improvements in Nozzle-Holders; and I do 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 water distribution, and more especially to nozzle holders; and the object of the same is to provide a detachable device which may be applied to the nozzle of a lawn hose (or to the hose near the nozzle) and when in place may be folded if the hose is to be held in the hand or may be opened out into feet if it is desired to lay the hose on the grass and elevate the nozzle so as to sprinkle the lawn. This object is carried out by the construction hereinafter more fully described and claimed, and as shown in the drawings wherein—

Figure 1 is a perspective view of this device in use, showing the hose nozzle elevated so as to sprinkle a lawn; Fig. 2 is a side elevation of the same, folded alongside the hose so that the latter and the nozzle may be held in the hand of the operator; Fig. 3 is an end view of the device itself removed from the hose, and this view shows a different form of clasp; Fig. 4 is an enlarged perspective detail of the hose clamp.

In the drawings the letter H designates an ordinary garden hose and N its nozzle.

My invention includes what follows.

The hose clamp (best seen in Fig. 4) is preferably made of sheet metal having some degree of resiliency, and of a size to nearly surround the average garden hose, its body 1 being therefore nearly cylindrical as best seen in Fig. 3. Cut in from its edges are slits 2 between which are left tongues 3 that in the finished article depend straight from the side of the otherwise substantially round body 1, and each tongue has cut from its front edge inward a slot 4 of nearly bayonet shape and for a purpose to be described and is pierced below the slot with an eye 5. In the two eyes are mounted the trunnions 6 of a short rock shaft 7 and to the latter between its trunnions and on a line at right angles to them is pivoted at 8 two legs 9 where they cross each other, their upper

arms 10 being rather short and deflected from the line of the legs so as to enter said slots 4 when they are turned with the rock shaft 7 on its trunnions 6. When carried back to the extreme inner ends of said slots 4, the shape of the latter will cause the arms 10 to spread apart from each other so that the legs 9 turn on their mutual pivot 8 and their lower extremities are distended as best seen in Fig. 1. Hence they form two legs of a tripod of which the hose itself is the other leg, and the nozzle N is held elevated as shown.

When this device is not desired to be used it need not of necessity be removed from the hose, because by turning the legs 9 first on their pivot 8, and then with the rock shaft 7 on its trunnions 6, the arms 10 will be moved out of the slots 4 and the legs 9 may be drawn up against the under side of the hose as seen in Fig. 2. For the purpose of holding them there I provide a clasp 15 which is by preference a piece of U-shaped spring wire having eyes at its extremities, one of them loosely engaging an eye 16 at the lower end of one leg 9, and when the legs are folded together and folded up under the hose this clasp engages the latter frictionally as by being snapped over it in a manner which will be well understood.

The parts of this device are by preference entirely of metal, and the same may be japanned, nickered, or otherwise treated to make it tasteful and prevent rust.

Details of ornamentation and the matter of size, proportion, and slight change in particulars may be left to the manufacturer. For instance, in Fig. 3 I have illustrated how the U-shaped clasp 15^a might have the eye at one of its extremities loosely engaged with the eye 16^a which is here formed in one leg 9 slightly remote from its extremity, so that the two legs and the hose can be embraced simultaneously by this clasp.

I might add that most lawn hose is either one-half or three-quarter inch in diameter, but it all has the same size of couplings which is usually three-quarter inch, and the tubular body 1 of this device is adapted to fit around said couplings whereof one is of course adjacent the nozzle N. In applying it thereto, the depending tongues 3 of Fig. 4 are spread apart until the trunnions 6 of the rock shaft 7 disengage the eyes 5 when said shaft and the parts carried thereby may be removed; and thereafter the split

side of the tubular body is opened up and either passed longitudinally over the nozzle N or placed laterally over the hose and its coupling as will be clear. Said split is then closed up so that the body 1 assumes the position shown in Fig. 3 and this brings the tongues 3 about parallel with each other so that they will frictionally engage the trunnions 6 of the rock shaft 7 whereby the parts are restored to the position shown in Fig. 1 and the device is ready for use.

What is claimed as new is:

1. In a nozzle holder, the combination with a hose clamp; of a pair of supporting legs pivotally connected with the clamp so as to swing in a plane through the length of the hose and crossing and pivotally connected with each other so as to swing in a plane at right angles to said other plane.

2. In a nozzle holder, the combination with a hose clamp; of a pair of supporting legs pivotally connected with the clamp so as to swing in a plane through the length of the hose and crossing and pivotally connected with each other so as to swing in a plane at right angles thereto, and a clasp loosely connected with one leg for embracing the other leg and the hose.

3. In a nozzle holder, the combination with a pair of legs crossing each other and pivoted where they cross; of a hose clamp comprising a substantially cylindrical body having parallel tongues depending from its sides and each provided with an eye, and a

rock shaft whose trunnions are journaled in said eyes, the pivot between the legs engaging the rock shaft on a line at right angles to the length of its trunnions.

4. In a nozzle holder, the combination with a pair of legs crossing each other and pivoted where they cross and having short deflected arms above their pivot; of a hose clamp having depending tongues each provided with a slot having an angular inner end adapted to be engaged by one of said arms and below said inner end with an eye, and a rock shaft whose trunnions are journaled in said eye, the pivot between the legs engaging the rock shaft on a line at right angles to the length of its trunnions.

5. In a nozzle holder, the combination with a hose clamp; of a pair of supporting legs crossing each other and pivoted together where they cross, one of said legs having an eye within its body between its ends, a rock shaft pivoted to said clamp, a pivotal connection between said legs and rock shaft, and a clasp consisting of a U-shaped wire member having eyes at its extremities, one of them loosely engaged with the eye in the leg for the purpose described.

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

FREDERICK W. FREUND.

Witnesses:

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C. W. JOHNSON.