F. H. BENTON.

HOSE NOZZLE HOLDER.

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1,097,746. **Patented May 26, 1914.**

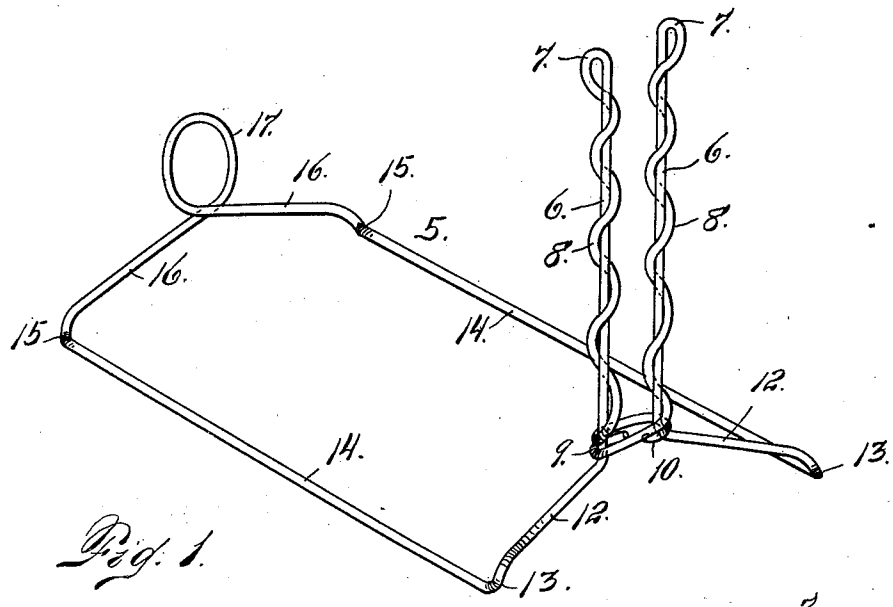


Fig. 1.

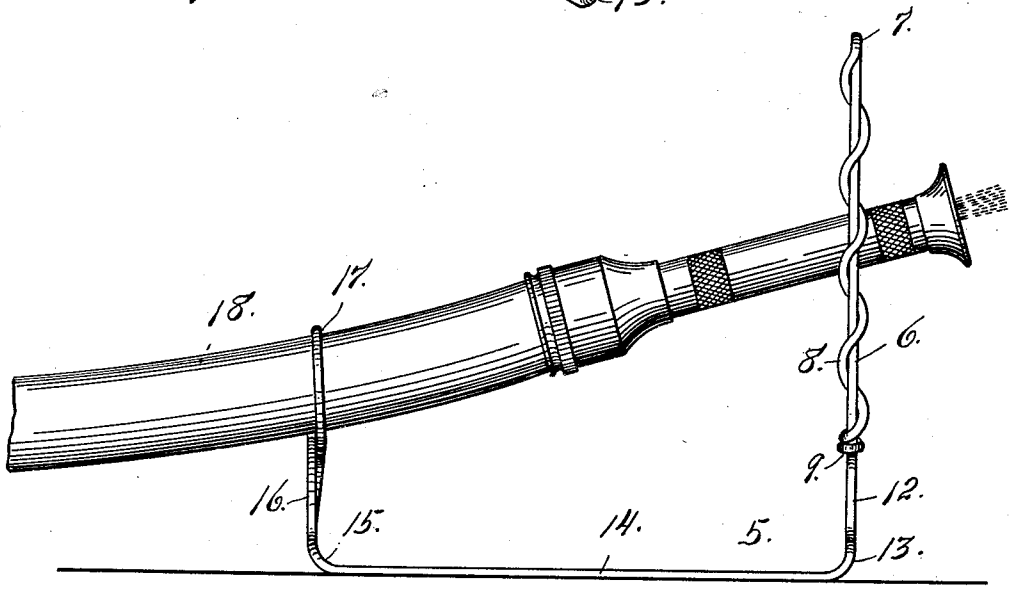


Fig. 2.

Witnesses

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HOSE-NOZZLE HOLDER.

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To all whom it may concern:

Be it known that I, FRED H. BENTON, a citizen of the United States, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Hose-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, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in holders for hose nozzles, being more especially adapted for use in connection with hose employed for lawn-sprinkling purposes. The device is of such a character that when the nozzle is connected therewith, it may be moved from place to place by pulling upon the hose at a distance from the nozzle, thus making it unnecessary to turn off the water to avoid getting wet in order to change the position of the nozzle upon the lawn or other place where it is necessary to irrigate.

To this end, my improvement consists of a device having parallel upright members at its forward extremity separated to receive the hose nozzle and yieldable to secure the nozzle in any desired position of vertical adjustment. In order to facilitate the holding of the nozzle in any desired position, these upright members are provided with a strand of wire spirally arranged upon straight upright wire parts, the spirally-arranged strands giving the upright members a corrugated outline, for the purpose stated. The device is further provided with parts inclined downwardly in opposite directions from the lower extremities of the standards, and from the lower extremities of these downwardly-inclined parts, other parts extend rearwardly in parallel relation, forming runners or supports upon which the holder travels when moved from place to place by pulling the hose, as heretofore explained. From the rear extremities of the runner parts, other parts are inclined upwardly toward each other and formed into a ring at the rear extremity of the device adapted to form a support for the hose in the rear of the nozzle, the nozzle being first passed through this ring, and finally carried forwardly to a position between the upright members.

Having briefly outlined my improved construction, I will proceed to describe the same in detail, reference being made to the accompanying drawing in which is illustrated an embodiment thereof.

In this drawing: Figure 1 is a perspective view of my improved hose-nozzle holder, shown in detail. Fig. 2 is a side elevation of the same, with the nozzle and hose in place.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate my improved device, considered in its entirety. As illustrated in the drawing, the device is made from an integral piece of wire of such size as to give the device the necessary strength and durability for the proper performance of its function. It is evident that in the manufacture of the article, many different forms of construction may be employed without in any way departing from the spirit of the invention. However, in the specific form shown, the forward part of the device is provided with two upright wire parts 6 arranged in parallel relation and suitably separated, these parts being formed by bending the wire to the proper form and to the desired height, after which the wire is bent at the top of the uprights, as shown at 7, and twisted or arranged in spiral form on each of the parts 6 from the top downwardly, the lower extremities of the wire being bent around the parts 6 at their lower extremities, in opposite directions; that is to say, the spirally-arranged part 8 farther to the right in Fig. 1, after it reaches the lower extremity of the corresponding part 6, is carried around in front of the two parts 6 and thence in the rear of the part 6 at the left in Fig. 1, and bent around the same closely for securing purposes, a hook 9 being formed; while the other spirally-arranged part 8, after reaching the lower extremity of its corresponding part 6, is bent around both parts 6 in the rear and carried thence forwardly around the part 6 farther to the right, where it is formed into a securing hook or bend, as shown at 10. From the lower extremities of the part 6, the wire is carried outwardly and downwardly, as shown at 12, the wire being bent, as shown at 13, at the lower extremities of the parts 12 and carried rearwardly, forming runners 14, which are arranged in parallel relation and suitably separated to give the device the

necessary support. At the rear extremities of the parts 14, the wire is again bent, as shown at 15, and carried upwardly and inwardly, as shown at 16, where it is formed into a centrally-located ring or loop 17 adapted to receive the hose 18 when the device is applied (see Fig. 2).

From the foregoing description, the use of my improved device will be readily understood. In order to apply the nozzle and hose to the device, the nozzle is first passed through the ring or loop 7, after which it is carried forwardly and placed between the standards at the forward extremity of the device and adjusted to occupy a high or low position, as may be desired. As the nozzle is pressed between the standards, the latter yield and possess sufficient tension to grip or press the nozzle with the necessary force to hold it securely in the adjusted position, whereby it becomes practicable by pulling upon the hose at any desired distance in the rear of the nozzle, to draw the nozzle extremity of the hose from place to place upon the lawn, the parts 14 of the holder serving as supporting runners upon which the device slides.

Attention is called to the fact that the securing hook-shaped parts 9 and 10 are interposed between shoulders formed above and below, the lower shoulder being formed by the bends at the upper extremities of the parts 12, and the upper shoulders by the initial bends formed at the lower extremities of the parts 8.

Having thus described my invention, what I claim is:

1. A device of the class described, comprising supporting runners, parts inclined upwardly and inwardly from the forward extremities of the runners and merging into upright parts, arranged in parallel relation and suitably separated, the said upright parts being equipped with other parts spirally arranged thereon for nozzle-grasping purposes, substantially as described.

2. A hose-nozzle holder, including runners arranged in parallel relation, parts extending upwardly from the forward extremities of the runners, said parts being carried inwardly and merging into separated upright parts, the latter at their upper extremities merging into parts spirally arranged on the upright parts and extending downwardly from the upper extremities of the latter, the lower extremities of the spiral parts being bent around the upright parts in opposite directions at the lower extremities of the latter whereby the latter are secured against displacement, substantially as described.

3. A hose-nozzle holder, comprising a suitable support, forwardly-located yieldable corrugated upright parts suitably separated for hose-nozzle supporting purposes, and a rearwardly-located loop in alinement with the space between the upright parts, the said loop being adapted to form a support for the hose in the rear of the nozzle, substantially as described.

4. A hose-nozzle holder comprising a suitable support, upright yieldable members arranged in parallel relation and suitably separated for hose-nozzle supporting purposes, and means upon the adjacent sides of said upright members for yieldably retaining the hose-nozzle in any one of several positions.

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

FRED H. BENTON.

Witnesses:
A. J. O'BRIEN,
A. E. ADAMS.

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