May 19, 1936. C. FLACK 2,041,174

HOLDER

Filed Sept. 4, 1934

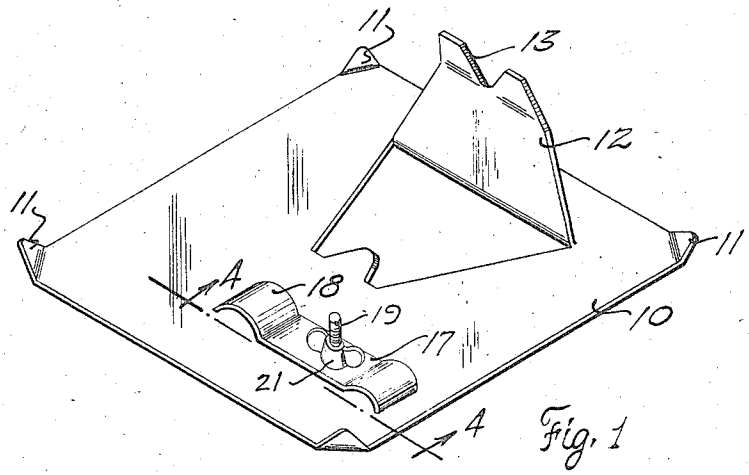


Fig. 1

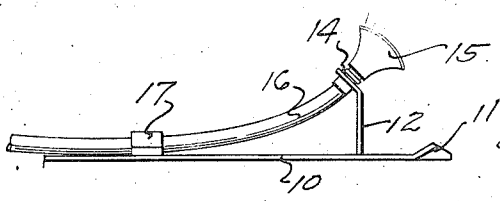


Fig. 2

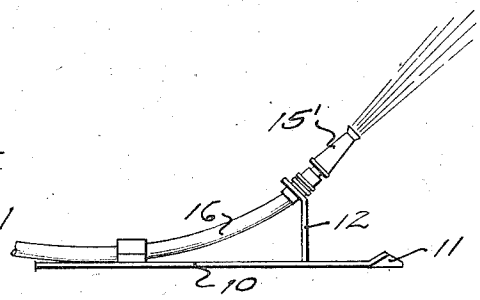


Fig. 3

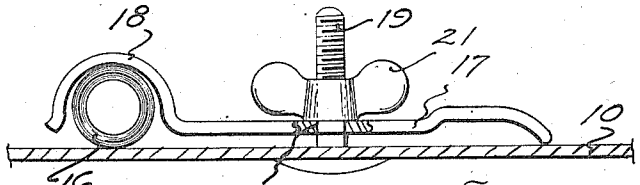


Fig. 4

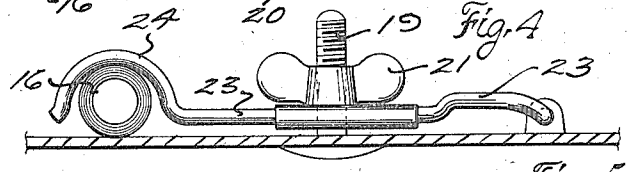


Fig. 5

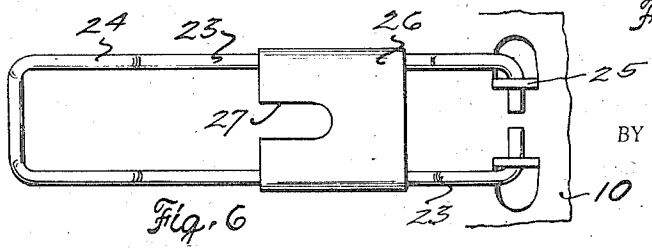


Fig. 6

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Patented May 19, 1936

2,041,174

UNITED STATES PATENT OFFICE

2,041,174

HOLDER

Clyde Flack, San Antonio, Tex.

Application September 4, 1934, Serial No. 742,537

4 Claims. (Cl. 248—80)

This invention relates to new and useful improvements in holders.

One object of the invention is to provide an improved holder which is particularly adapted for use in supporting the usual garden hose, or the like.

An important object of the invention is to provide an improved holder for a hose which is constructed of a single piece of metal and which is provided with means for securing the hose thereto in such a way that the nozzle is directed upwardly to produce a sprinkler, which may be intermittently moved from place to place, thereby eliminating the necessity of a person holding and directing the hose.

Another object of the invention is to provide an improved one-piece holder for a hose including a notched support for receiving the nozzle and clamping means for fastening the hose thereto, whereby the nozzle is held in a fixed position, thereby providing an efficient sprinkler at a minimum cost.

A further object of the invention is to provide an improved holder for a hose which is constructed of a single piece of metal having an upwardly extending support for its hose nozzle and which has the corners of its base plate turned up slightly so that said holder may be easily and smoothly moved over a lawn, or other ground, when in use.

A construction designed to carry out the invention will be hereinafter described, together with other features of the invention.

The invention will be more readily understood from a reading of the following specification and by reference to the accompanying drawing, in which an example of the invention is shown, and wherein:

Figure 1 is an isometric view of a holder constructed in accordance with the invention,

Figure 2 is a side elevation showing the end of a hose clamped thereto and supported thereby,

Figure 3 is a view similar to Figure 2, showing another form of nozzle on the hose,

Figure 4 is a transverse sectional view taken on line 4—4 of Figure 1,

Figure 5 is a view similar to Figure 4, showing another form of clamp for the hose, and

Figure 6 is a plan view of the same.

In the drawing, the numeral 10 designates a base plate which is preferably constructed of light metal but which may be made of any suitable material. I have shown the plate as substantially square in shape but the invention is not to be limited to any particular shape or size. The plate has each of its corners turned up at 11 so that said plate may be easily and smoothly dragged over the ground when a hose is attached thereto, as will be hereinafter explained.

Located centrally of the base plate and near the forward end thereof, an upwardly extending support 12 is provided. This support is formed by stamping or punching a portion from the base plate and bending this portion upwardly at substantially a right angle to said plate, as clearly shown in Fig. 1. The upper end of the support is bent rearwardly at an angle of approximately 45 degrees, and is provided with a V-notch 13 at its center.

The usual groove 14 at the rear of a nozzle 15 of a hose 16 fits into the notch whereby the nozzle is supported, and due to the inclination of the upper end of the support 12, said nozzle is directed upwardly so as to spray the water emitting therefrom into the air. The hose is clamped to the base plate near the rear thereof by a spring clamping member 17.

This member comprises a flat piece of metal provided at its inner end with a semi-circular clip 18 which engages over the hose (Fig. 4). The member is secured to the base by a stud bolt 19 extending upwardly through the base 10, and through an opening 20 in said member. A wing nut 21 screws onto said bolt and it is obvious that by loosening or tightening the nut, the clip 18 is released from or engaged with the hose.

With the clip securely clamping the hose to the base plate 10, and the nozzle 15 supported in the notch, it is clear that an efficient sprinkler is produced. The cost of manufacture of the holders is very low as only a single piece of metal is employed. The simplicity of the holder is obvious. Once the hose is clamped to the holder, no adjustments are necessary. It is possible to use any type of nozzle on the hose 16. In Fig. 2 I have shown the spray type 15 while in Fig. 3 the usual adjustable nozzle 15' for varying the size of the water stream, is shown. Any type of nozzle having the groove 14 for engaging the notch 13 may be employed.

It is pointed out that an efficient sprinkler is produced at a cost far below the cost of the usual sprinkler heads, or devices.

In Figures 5 and 6, I have shown another form of clamping member. This form comprises a U-shaped wire member 23 which is formed with a semi-circular clip 24 at one end. The other end has its ends hinged in ears 25 which are formed by punching out portions of the base plate 10 and bending the same upwardly. Midway of the

U-shaped member **23**, a plate **26** is provided. The plate extends transversely of the member and has its end crimped around the legs of said member whereby it is secured thereto and reinforces the same. A slot **27** is cut in one end of the plate and the stud bolt **19** passes upwardly therethrough and receives the wing nut **21**; the clamping is accomplished similarly to the other clamp **17**, the hose being received and clamped beneath the clip **24**.

The description which has been given recites more or less detail of a particular embodiment of the invention, which is set forth as new and useful; however, I desire it understood that the invention is not limited to such exact details of construction, because it is manifest that changes and modifications may be made, within the scope of the appended claims, without departing from the spirit of the invention.

What I claim and desire to secure by Letters Patent is:

1. A holder for a hose comprising, a base plate having a portion thereof punched out and bent upwardly therefrom to form a support for a hose nozzle, said bent portion having a notch for receiving said nozzle and means for securely clamping the hose to the plate.

2. A holder for a hose comprising, a base plate having a portion thereof punched out and bent upwardly therefrom to form a support for a hose nozzle, said support having its upper end provided with a notch for receiving the hose nozzle and also being inclined whereby the spray from the nozzle is directed upwardly, and means for clamping the hose to the base plate.

3. A holder for a hose comprising, a base plate having a portion thereof punched out and bent upwardly therefrom to form a support for a hose nozzle, a stud bolt extending upwardly from the base plate, a clamping member for clamping a hose received by this bolt, and a wing nut for holding said member in a clamped position screwed on said bolt

4. A holder for a hose comprising, a base plate having a portion thereof punched out and bent upwardly therefrom to form a support for a hose nozzle, said support having its upper end inclined whereby the spray from the nozzle is directed upwardly, a stud bolt extending upwardly from the base plate, a clamping member for clamping a hose received by this bolt, and a wing nut for holding said member in a clamped position screwed on said bolt

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