O. EDWARDS.

STANDS, OR HOLDERS FOR HOSEPIPE-NOZZLES.

No. 169,344. Patented Nov. 2, 1875.

Fig. 1

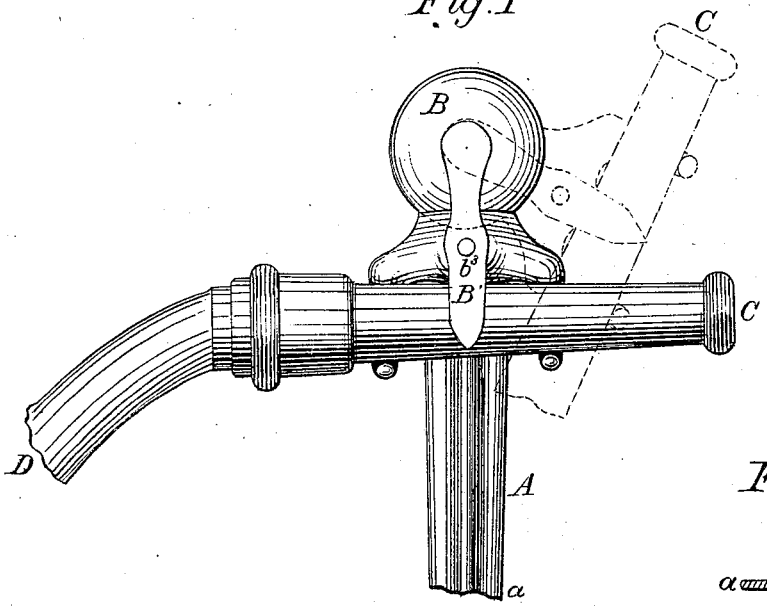


Fig. 4.

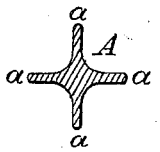


Fig. 2.

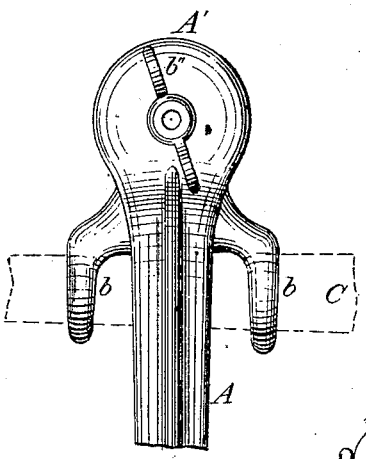


Fig. 3.

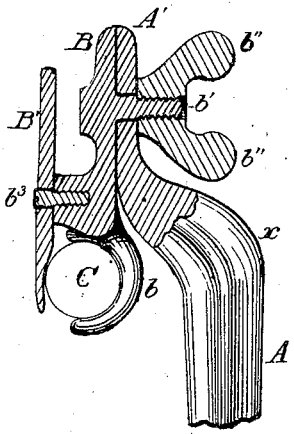
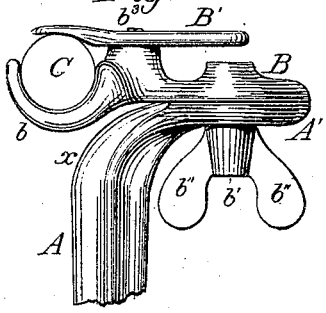


Fig. 5.



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UNITED STATES PATENT OFFICE.

OLIVER EDWARDS, OF FLORENCE, MASSACHUSETTS, ASSIGNOR TO FLORENCE SEWING-MACHINE COMPANY, OF SAME PLACE.

IMPROVEMENT IN STANDS OR HOLDERS FOR HOSE-PIPE NOZZLES.

Specification forming part of Letters Patent No. **169,344**, dated November 2, 1875; application filed June 30, 1875.

To all whom it may concern:

Be it known that I, OLIVER EDWARDS, of Florence, in the county of Hampshire, in the State of Massachusetts, have invented certain Improvements in Stands or Holders for Hose-Pipe Nozzles, of which the following is a specification:

This invention relates to a stand or holder for holding the pipe and nozzle of a garden-sprinkler when the stand is to remain in one location for a considerable length of time, but can be changed to discharge water in different directions from the stand or holder without taking up the holder; and it consists in the construction of the parts that form the stand or holder, as will be fully hereinafter described.

In the drawings, Figure 1 is an upright view of one side of the holder. Fig. 2 is a broken view of the opposite side. Fig. 3 is a part edge view in section. Fig. 4 is a transverse section of the body part of stand; and Fig. 5 is a modification in the construction to give a change of position of the nozzle in a horizontal plane.

A represents the body of the metal support or stake, which is tapered to nearly a sharp point at its bottom end, which is calculated to be forced into the ground a sufficient depth to firmly maintain its position, and securely hold the pipe and nozzle, and in shape in cross-section as seen in Fig. 4, or the four angles are formed into bayonet edges or ribs *a*, so that it will require less power to force it into the ground, and this form gives it a greater bearing-surface in the ground than if rectangular in form, and much less metal is employed in making it of this form; consequently, a saving of metal in making it is the result, without weakening it. At point *x*, near its upper end, it suddenly bends to one side a certain distance, and then upward, forming part A′, the face of which is on a line parallel with the center of the body of the support, which construction allows of the changing the position of the nozzle and keeps the hose from contact with the holder. B is the nozzle-holder, formed to fit on the face of part A′, and held thereto by the screw b^1 and thumb-nut b^2 in such manner that it can turn thereon, and be held in any desired position by turning the thumb-nut hard down on part A′. On one side of the holder, and at a distance apart, project two hooks, *b*, bent on circular lines to fit the diameter of a round nozzle, as seen in Figs. 1, 2, and 3. B′ is a turn-button or clamping-cam pivoted to holder B, and held in contact therewith by the holding screw or rivet b^3. C is the nozzle or sprinkler of hose-pipe D.

By the above description, the nozzle or sprinkler is only changed in its position with the holder on a vertical plane; but if the bend in the support A at *x* is continued and terminates part A′ on a horizontal line, as seen in Fig. 5, and the holder B, with its clamping device, is also in a horizontal position, then the nozzle will be operated on a plane parallel with the horizon.

In operation, the support is forced into the ground to give security; then the nozzle C is placed in hooks *b* of holder B, and clamped therein by turning button or cam B′ hard onto the nozzle. Then the nozzle is given its direction, and the thumb-nut *b*″ is turned down and holds the nozzle in its position, when the water is let into the nozzle, and from out of which it will flow in one direction, until the position of the holder and nozzle is changed.

This holder and support for hose-pipe nozzles is light, symmetrical, and of sufficient strength to hold the nozzle, and can be used by any one without derangement or danger of breaking.

Having thus described my invention, what I claim is—

1. The stand or support A of a hose-pipe nozzle, bent or offset at *x*, as and for the purpose substantially as described.

2. The combination of the bent support A and forming part A′, with the holder B, having hooks *b*, and the screw *b*′ and thumb-nut *b*″, substantially as described.

3. The combination of the holder B and cam or button B′ with the nozzle C, substantially as described.

4. The support or stand A, bent at *x*, and nozzle-holder B, constructed as above described, as a new article of manufacture.

OLIVER EDWARDS.

Witnesses:

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FRANK W. MORGAN.