

L. B. FOSS.

SPRINKLER-HEAD FOR WATERING-POTS, &c.

No. 174,221.

Patented Feb. 29, 1876.

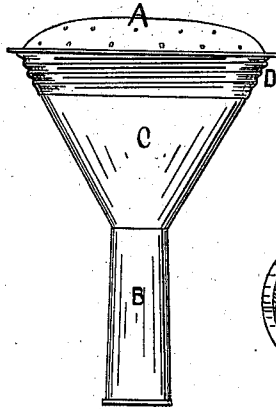


Fig. 1

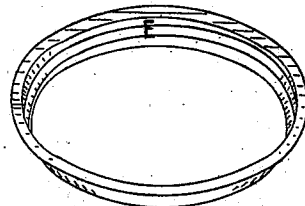


Fig. 3.

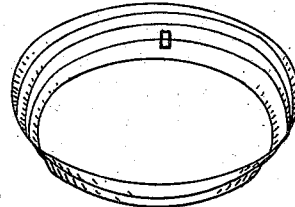


Fig. 4.

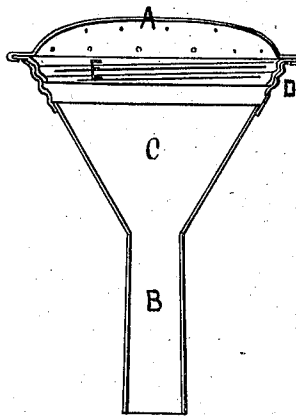


Fig. 2

WITNESSES

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UNITED STATES PATENT OFFICE.

LORY B. FOSS, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SPRINKLER-HEADS FOR WATERING-POTS, &c.

Specification forming part of Letters Patent No. **174,221**, dated February 29, 1876; application filed February 19, 1876.

To all whom it may concern:

Be it known that I, LORY B. FOSS, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in the Construction of Sprinkler-Heads for Watering-Pots, &c., of which the following is a specification:

The object of my invention is to simplify and improve the construction of that class of heads for watering-pots that are made open for the purpose of cleansing; and consists of a hollow conical screw, to be applied to the coned part of the head, in combination with a similar conical screw formed on or applied to the cap or perforated part.

Figure 1 is an elevation of my invention when incorporated in the head of a watering-pot; Fig. 2 is a vertical section of the same. Fig. 3 is a perspective view of the inner screw. Fig. 4 is a perspective view of the outer screw.

Let B represent the tubular part of the sprinkler-head, or that part that serves to unite it to the spout of the watering-pot or to the hydrant-pipe. The part C is cone-shaped and made of thin metal, to the upper edge of which I unite a screw-ring, D, Figs. 1, 2, and 4, the screw-thread of which forms a coned helix, as shown, so that the part C and ring D form a symmetrical body for the sprinkler-head. The perforated part A of the head is shaped as shown, and has locked into it a conical screw-ring, E, Fig. 2, which fits into the corresponding screw D.

The utility of this invention consists in the fact that, while it can be readily opened for the purpose of cleansing, its form is perfectly symmetrical, and of such a configuration as to allow of no places for the lodgment of dirt.

Another very important advantage of this form is that when the screw is coned, as in my invention, the two parts of the screw are not so likely to become united by the cementing action of the deposits left from the water as it passes through the head, since the uniting surfaces of the two parts of the screw draw away from each other upon the slightest turn of the screw, while in the case of a cylindrical screw the uniting surfaces still remain in close contact after the screw is turned. Thus the grit and dirt will still resist the removal of the screw. This feature in a watering-pot head is a very important one, as the parts are very likely to become rusted or cemented together by moisture and dirt.

Having thus described my invention, I claim—

As a new article of manufacture, a sprinkler-head for watering-pots, when made with a coned body, C, united to a coned screw-coupling, D E, all the parts being formed and united substantially as described, and for the purpose set forth.

LORY B. FOSS.

Witnesses:

FRANK G. PARKER,
WILLIAM EDSON.