(No Model.)

E. H. & H. E. WHITNEY.

WATERING POT.

No. 598,126. Patented Feb. 1, 1898.

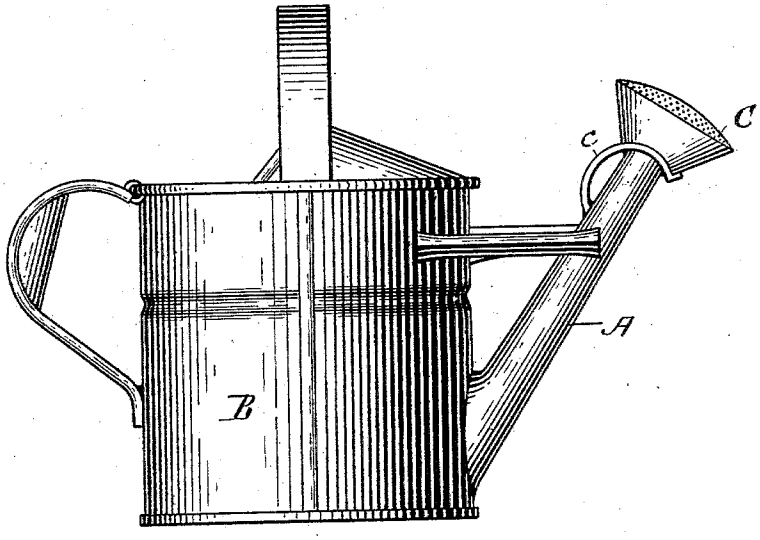


Fig. 1.

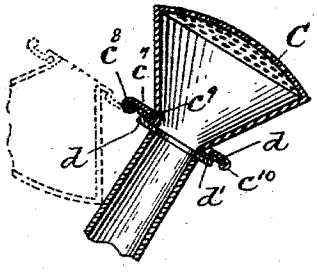


Fig. 4.

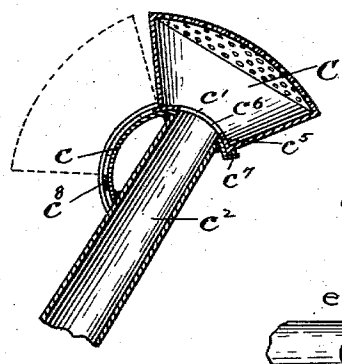


Fig. 2.

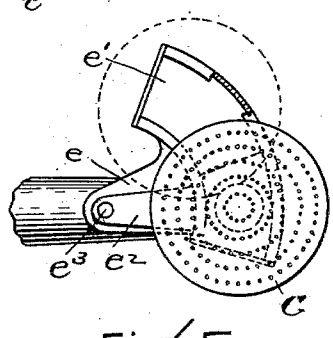


Fig. 5.

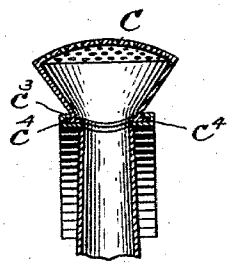


Fig. 3.

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EDWARD H. WHITNEY AND HORACE E. WHITNEY, OF CAMBRIDGE, MASSACHUSETTS, ASSIGNORS TO THE DOVER STAMPING COMPANY, OF BOSTON, MASSACHUSETTS.

WATERING-POT.

SPECIFICATION forming part of Letters Patent No. 598,126, dated February 1, 1898.

Application filed February 17, 1896. Serial No. 579,518. (No model.)

To all whom it may concern:

Be it known that we, EDWARD H. WHITNEY and HORACE E. WHITNEY, citizens of the United States, residing at Cambridge, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Watering-Pots, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification, in explaining its nature.

The invention relates to a watering-pot having a rose or spraying device attached to the end of the spout or nozzle to have operative relation therewith in distributing the water in the form of small streams or for sprinkling, and secured to the spout or nozzle so that without detaching it therefrom it may be removed to one side of the nozzle and expose an outlet for a solid stream.

In the drawings, Figure 1 is a view in elevation of a watering-pot having the features of our invention. Fig. 2 is a view, enlarged, through the upper part of the nozzle and the rose, representing in full lines the rose as in its operative relation with the nozzle and in the dotted lines the rose as removed from the end of the nozzle. Fig. 3 is a view, enlarged, of the upper part of the nozzle and rose, representing it upon a section at a right angle to that represented in Fig. 2. Figs. 4 and 5 represent modified forms of the invention, to which reference will be hereinafter made.

The spout or nozzle A is of the usual type and attached to the pot or receptacle B in the usual manner. It has attached at its outer end the rose or spraying device C in a manner to permit it to be moved from operative relation in line with it, as represented in full lines in Fig. 2, to one side of it, as represented in dotted lines in said figure.

The device connecting the nozzle or spout and the rose or spraying device may be of any construction or form which will permit of this change in relation of the two parts without disconnecting or removing the rose or spraying device from the nozzle end. In Fig. 2 the result is represented as obtained by means of a curved guiding-plate c, extending from the side of the nozzle or spout over its end, having a hole c' in line with the cavity c^2 of the spout or nozzle and also having retaining-flanges c^3, which lap upon the ledges c^4 at the inner end of the rose, the said ledges being preferably formed by a curved plate c^5, secured to the base of the rose-wall, having a hole c^6 therein and extending on each side of the rose under the retaining-flanges c^3 (see Fig. 3) and also extending backward and forward slightly from the base of the rose. A stop c^7 limits the extent of the movement of the rose in one direction and the stop c^8 its movement in the other direction, and we prefer that the flanges adjacent to the end of the nozzle be gradually brought nearer the plate c in order that the rose-plate c^5 may as it is moved be drawn as closely as possible by the flanges to the plate c when in operative relation with the end of the spout or nozzle, whereby the rose is firmly and closely held to the end at such time and also the liability of leakage between the two plates reduced. With this construction the rose is moved from operative position upon the holding-plate and rose to one side of the nozzle, preferably back of it, although not necessarily so.

In Fig. 4 the rose is represented as attached to the nozzle to be removable from its end by connecting its base-plate c^7 by means of a hinge c^8 with a plate d at the nozzle or spout end. The plate d is represented as having the recess d' about the nozzle or spout end, into which the section c^9 of the rose closes, and the plate has a latch c^{10}, which closes upon the plate d to latch the rose in operative position. The rose when released from the end of the nozzle is turned backward to the position represented in Fig. 4.

In Fig. 5 the nozzle or spout has a plate e attached to its outer end, the curved flanged way e' extending upon a horizontal arc from the end of the nozzle or spout, and in which the nozzle or spout is adapted to be moved from a position over the nozzle or spout to a position at one side thereof, and the base-plate of the nozzle or spout may be connected with the plate e by the arm e^2, pivoted at e^3, if desired; but this arm may be dispensed

with and the flanged plate may extend in a straight line instead of a curve, if desired. Whichever of the connections may be used it will be seen that the rose or spraying device is secured to the nozzle or spout end in a manner to permit it to be brought in line therewith and form a continuation thereof for the purpose of sprinkling or spraying and that it also may be moved to one side of the spout or nozzle to expose its outlet when a solid stream is desired and without detaching it from the nozzle. There is thus provided a structure which permits the use either of a rose or an ordinary spout in the delivery of the contents of the pot and one which prevents the liability of a loss or misplacing of the rose or spraying device. It also provides a structure by which the rose is constantly held in operative relation to the spout end, and its placing and removal become a very simple and obvious matter.

Having thus fully described our invention, we claim and desire to secure by Letters Patent of the United States—

The combination in a watering-pot of a spout having a plate attached thereto, slideways in the plate, a rose having a base-plate and flanges on the base-plate which coöperate with the said slideways, whereby the rose is adapted to be moved into or out of line with the cavity of the spout, as and for the purposes described.

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Witnesses:
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