

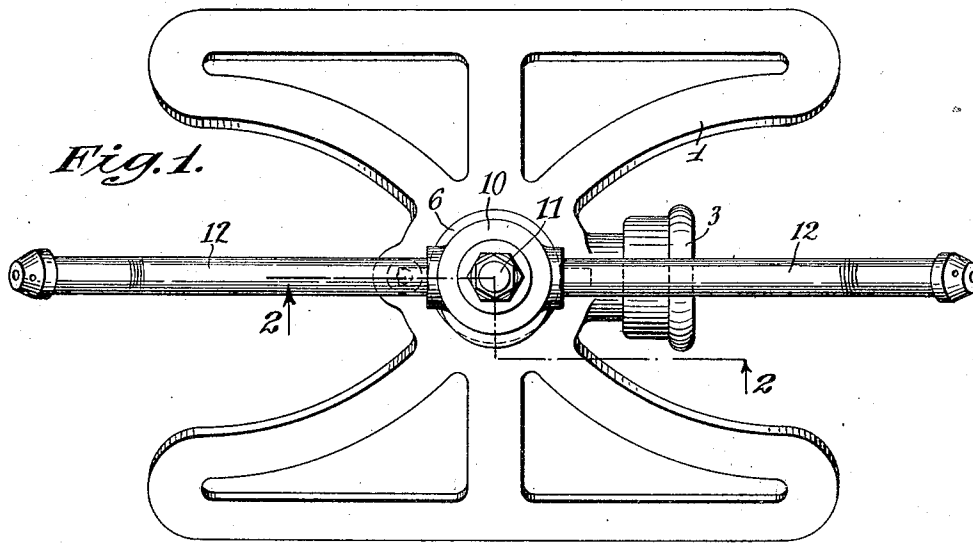
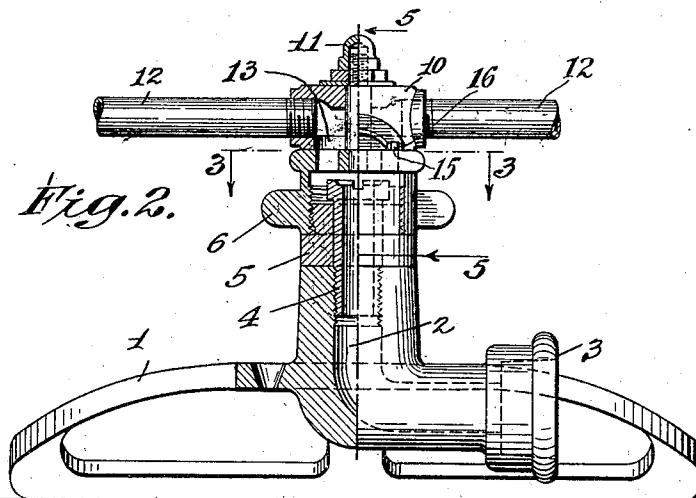
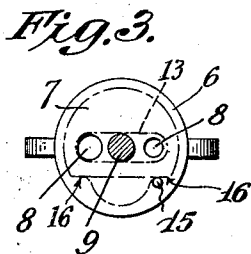
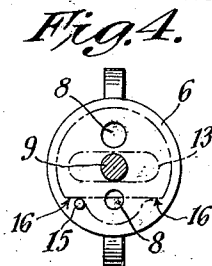
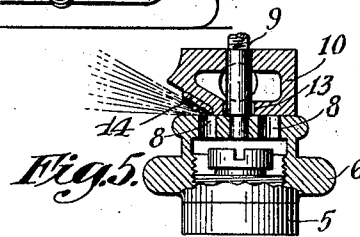
July 30, 1929.

W. H. COLES

1,722,455

SPRINKLING DEVICE

Filed March 10, 1926



Inventor

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By his Attorney

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Patented July 30, 1929.

1,722,455

UNITED STATES PATENT OFFICE.

WALTER H. COLES, OF TROY, OHIO, ASSIGNOR TO THE SKINNER IRRIGATION COMPANY, OF TROY, OHIO, A CORPORATION OF OHIO.

SPRINKLING DEVICE.

Application filed March 10, 1926. Serial No. 93,559.

This invention relates generally to water sprinklers, and the main object and feature of the invention is the provision of a sprinkler head having two alternate nozzles or sets of nozzles, one of which, when water issues therefrom, causes rotation of the device, and the other of which is relatively stationary and throws a spray of a character different from that of the revolving spray.

In the accompanying drawings the invention is disclosed in a concrete and preferred form in which:

Fig. 1 is a top plan view of a device embodying the invention.

Fig. 2 is a vertical sectional view on the plane of line 2—2 of Fig. 1.

Fig. 3 is a fragmentary sectional view substantially on the plane of line 3—3 of Fig. 2.

Fig. 4 is a view similar to Fig. 3 but with the parts adjusted to a different position.

Fig. 5 is a vertical sectional view substantially on the plane of line 5—5 of Fig. 2.

1 indicates a support of any suitable character carrying the sprinkler head 2 consisting of a tubular member and having a coupling 3 to which a hose or connection may be attached. 4 is a hollow spindle threaded into the sprinkler head, and loosely surrounding this spindle and resting on top of the sprinkler head is a carrier 5. 6 is a valve member in threaded engagement with the carrier and having a closed top 7 provided with two valve openings 8 and an upwardly extending stem 9. 10 is a nozzle head through which stem 9 extends, there being suitable means to secure the valve member and nozzle head together, taking, in this instance, the form of a washer and nuts 11 that clamp 9 and 10 together. Nozzle head 10 is provided with a number of arms 12 which discharge water non-radially in opposite directions and to which water is admitted by adjusting the valve member to bring openings 8 in alignment with slot 13 of the nozzle head as shown diagrammatically in Fig. 3, and also in Fig.

2. When water issues through arms 12 the nozzle head, the valve member and the carrier rotate as one unit or revoluble member. If now valve member and nozzle head are adjusted to bring openings 8 out of the plane of slot 13 and to bring one of said openings in alignment with nozzle 14, as shown in Figs. 4 and 5, then the revoluble member will no longer rotate but a spray will be thrown by what may be called a relatively stationary nozzle. I have shown one nozzle 14, but it will be obvious that, if desired there may be a similar nozzle to register with the other opening 8. 15 indicates a stop pin carried by the valve member and engaging either shoulder 16 on the nozzle head to limit the adjustment.

I claim:

1. A sprinkling device including: a sprinkler head, a revoluble member, two alternate nozzles carried by the revoluble member, one of which nozzles, when water issues therefrom, imparts rotation to the revoluble member, and the other of which nozzles, when water issues therefrom, imparts no rotation to the revoluble member, and valve mechanism carried by the revoluble member, adjustable at the will of the operator to direct flow of water from the sprinkler head to either of said nozzles.

2. A sprinkling device including: a sprinkler head, a revoluble member, two alternate nozzles, one above the other, carried by the revoluble member, one of which nozzles, when water issues therefrom, imparts rotation to the revoluble member, and the other of which nozzles, when water issues therefrom, imparts no rotation to the revoluble member, and valve mechanism, carried by the revoluble member, adjustable at the will of the operator to direct flow of water from the sprinkler head to either of said nozzles.

Signed at Troy in the county of Miami and State of Ohio this 4th day of March, 1926.

WALTER H. COLES.