

T. E. WASHBURN.
 SPRINKLING POT VALVE.
 APPLICATION FILED DEC. 31, 1910.

1,038,466.

Patented Sept. 10, 1912.

Fig. 1.

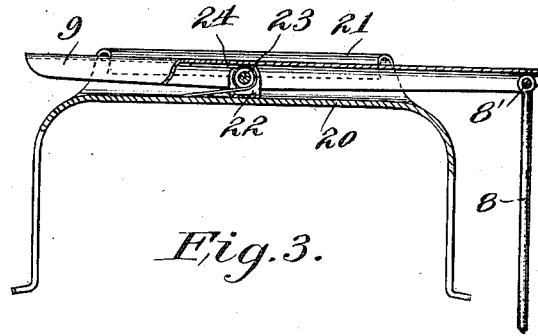
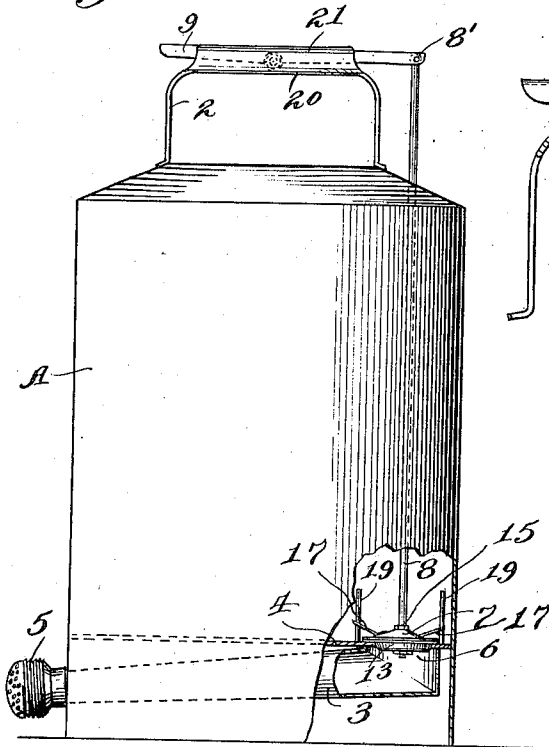


Fig. 3.

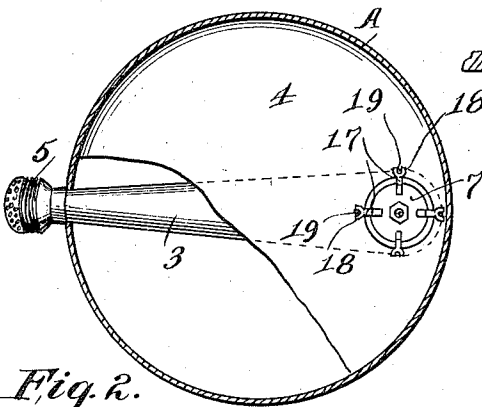


Fig. 2.

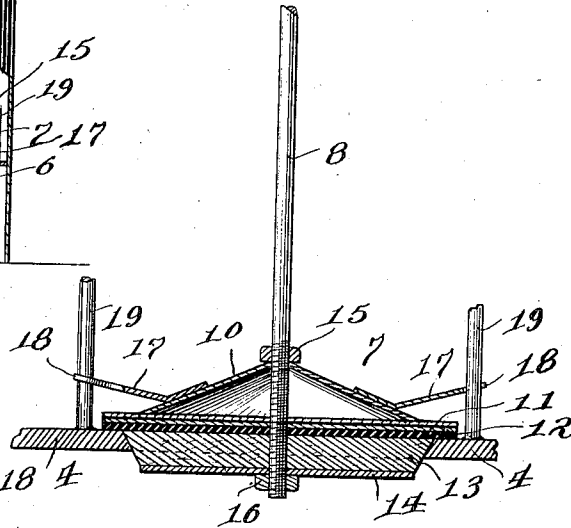


Fig. 4.

Witnesses
 H. H. Lybrand
 C. B. B. B.

Inventor
 Thomas E. Washburn

By Victor J. Evans
 Attorney

UNITED STATES PATENT OFFICE.

THOMAS E. WASHBURN, OF COALINGA, CALIFORNIA.

SPRINKLING-POT VALVE.

1,038,466.

Specification of Letters Patent.

Patented Sept. 10, 1912.

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To all whom it may concern:

Be it known that I, THOMAS E. WASHBURN, a citizen of the United States, residing at Coalinga, in the county of Fresno and State of California, have invented new and useful Improvements in Sprinkling-Pot Valves, of which the following is a specification.

This invention relates to sprinkling pots of that type in which the spout is mounted at the bottom so that it is unnecessary to tilt the pot when sprinkling flowers, floors or the like.

The principal object of this invention is to provide an improved valve construction for devices of this character, that is comparatively inexpensive to manufacture, easily manufactured, reliable and efficient in use.

With this object in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claim appended hereto.

In the accompanying drawing, which illustrates one embodiment of the invention, Figure 1 is a side view of the pot with portions broken away to show the details of construction. Fig. 2 is a horizontal section. Fig. 3 is a vertical section of the handle and valve-operating lever. Fig. 4 is a detail sectional view of the valve.

Similar reference characters are employed to designate corresponding parts throughout the views.

Referring to the drawing, A designates the body of the pot, which may be of any approved construction and equipped at its top with a handle 2, there being a spout 3 under the bottom 4 and extending laterally from the side of the pot where a rose or sprinkling device 5 is provided. The bottom of the pot is set upwardly from the bottom edges of the side walls so as to provide a chamber in which the spout is accommodated to not only protect the spout but to enable the pot to be set flat on a surface without the spout interfering. The inner end of the spout terminates at a port 6 in the bottom 4 and through this port water passes to and through the spout. The port is capable of being closed by a valve 7 which is connected with a stem or rod 8 that extends upwardly to the handle 2, where the rod is

connected, at 8', with a thumb-actuated lever 9 mounted within the handle, so that by pressing on the lever the valve will be moved open so as to allow water to pass out of the spout, the valve being normally closed by a spring.

Referring to Fig. 4, the valve 7 is composed of an upwardly-bowed or dished top plate 10 that rests on a metal disk 11, and immediately under this disk is another packing 12 which is adapted to seat in contact with the bottom 4 of the sprinkling pot when the valve is closed. Under the packing 12 is a leather disk 13 that is supported on a metal disk 14. These various parts of the valve are held together by the rod 8 passing centrally through all of them, and by being clamped between nuts 15 and 16 threaded on the rod, the nut 15 bearing against the top plate 10 and the nut 16 bearing against the plate 14. In order to guide the valve, the top plate is provided with outwardly-extending or radial arms 17 that terminate in bifurcations 18 so as to slidably engage upstanding guides 19 fastened to the bottom 4 of the pot around the port or opening 6.

The handle 2 has its top bar 20 formed with upwardly-extending flanges 21 so as to be of U-shaped cross section, and disposed in the chamber thus formed is the operating lever 9. Mounted in the handle is a U-shaped support or bearing 22 that has a fulcrum pin 23 for the lever 9, and coiled around this pin is a spring 24 which is arranged with one end bearing under the thumb end of the lever and the other end bearing against the handle so that the spring operates to normally hold the valve seated. In using the device, the end of the lever opposite from the rod 8 is engaged by the thumb of the hand gripping the handle 2 and by a downward pressure of the thumb the valve can be opened to permit water to pass out of the spout.

Having thus described the invention, what I claim as new, is:—

A sprinkling pot having an outlet opening and spaced guide rods located near said opening, a valve rod having its lower end threaded, a valve plug mounted upon said lower end, a flexible member mounted on said lower end and against said plug, a metallic disk engaging the lower side of the plug, a metallic disk engaging the flexible member, a nut threaded against the first

metallic disk, a conical member mounted
on said rod and bearing at its larger end
against the second metallic disk, a nut
threaded on said valve rod against the
5 smaller end of said conical member to clamp
the flexible member against the valve plug,
angular arms secured at their inner ends to
the conical member and having bifurcated

outer ends slidably engaging the guide rods
and means for operating the valve rod. 10

In testimony whereof I affix my signature
in presence of two witnesses.

THOMAS E. WASHBURN.

Witnesses:

N. G. WYLLIE,

A. HUTZAH.
