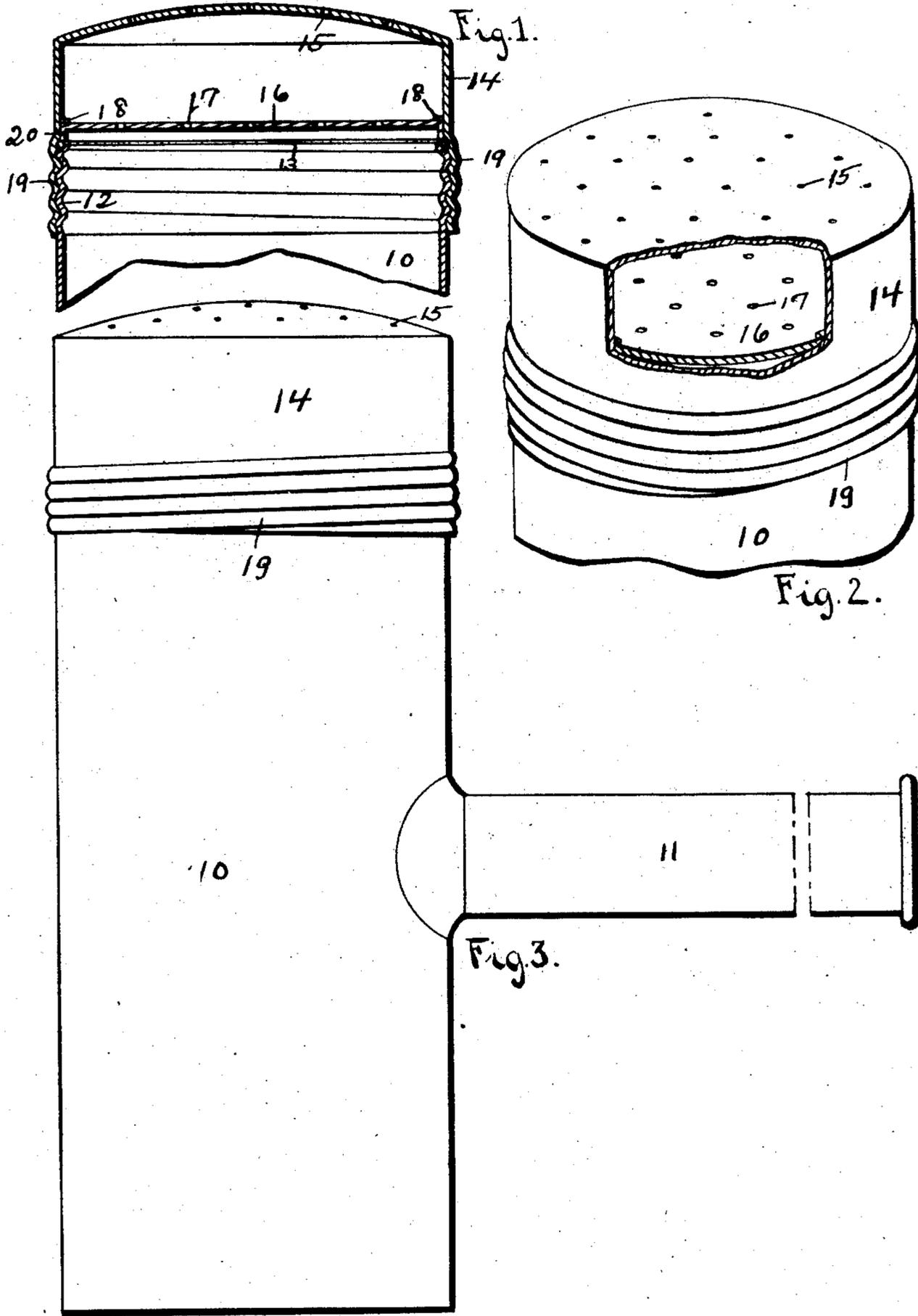


No. 883,331.

PATENTED MAR. 31, 1908.

D. A. McCLELLAND.
CLOTHES SPRINKLER.
APPLICATION FILED JUNE 1, 1904.



Witnesses
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UNITED STATES PATENT OFFICE.

DAYSIIE ADA McCLELLAND, OF GAS, KANSAS.

CLOTHES-SPRINKLER.

No. 883,331.

Specification of Letters Patent.

Patented March 31, 1908.

Application filed June 1, 1904. Serial No. 210,688.

To all whom it may concern:

Be it known that I, DAYSIIE ADA McCLELLAND, a citizen of the United States, residing at Gas city, in the county of Allen and State of Kansas, have invented a certain new and useful Clothes-Sprinkler, of which the following is a specification.

The objects of my invention are to provide a sprinkler for clothes of simple, durable and inexpensive construction in which the top portion is so constructed that the water instead of pouring out in streams through the openings in the top portion of the can will come out in drops as the sprinkler is shaken.

A further object is to provide a detachably mounted top portion for the sprinkler, the parts of which can be easily separated and cleaned, and further to provide a top which will not only cause the water from the interior of the sprinkler to pass slowly to the interior as the device is shaken, but is also absolutely water tight around the joints thereof.

My invention consists in certain details, in the construction, arrangement and combination of the various parts of the device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claim and illustrated in the accompanying drawings, in which—

Figure 1 is a detail sectional view of the upper portion of the sprinkler. Fig. 2 is a perspective view of the upper portion of the sprinkler with a portion thereof broken away to show the double sprinkler attachment at the top of the device, and Fig. 3 is a side elevation of the complete sprinkler.

Referring to the accompanying drawings, I have used the reference numeral 10 to indicate the body portion of the sprinkler which is preferably made cylindrical in shape and is similar to an ordinary can except that it has a lateral, rod-like hand-grasp 11 attached to its exterior so that it can be easily used in sprinkling. The top of the body portion 10 is screw threaded at 12 and a rubber band 13 is placed on the top of this screw threaded portion 12. A perforated cover 14 is designed to be screwed upon the screw threaded portion 12 of the body portion 10. This cover has a series of small openings 15 in its upper rounded top. Removably arranged inside of this top portion is a perforated diaphragm 16 having a series of openings 17 extending through it, said openings being slightly larger than the open-

ings 15 in the rounded top portion of the cover 14.

When the perforated diaphragm is placed against the flange 18 which encircles the interior of the cover a slight distance above the screw threaded portion 19 at the lower end of the cover and the cover is screwed upon the screw threaded top of the body portion 10, the rubber 13 will be engaged throughout its entire circumference by the downwardly extending flange 20 of the perforated diaphragm 16, and this will cause the perforated diaphragm 16 to be held firmly in place between the flange 18 and the rubber portion 13, and will also provide a water tight joint between the parts and thus prevent any leaking around the joint formed by the screw threaded portion. When it is desired, however, to clean the cover, the cover is removed and the perforated diaphragm 16 is taken out and thus easy access may be had to all parts of the cover.

The depending flange 20 of the diaphragm 16 adapts the said diaphragm, while arranged in the cover above the threaded portion thereof, to crowd the rubber band 13 down on the top of the body portion 10 when the cover is screwed down on the body portion, and thereby assures the production of a perfectly water tight joint.

In practical use, the operator fills the body portion 10 by removing the cover 14 and then places the cover on the body portion 10 in the manner above indicated, and the device is in readiness for use. In sprinkling, the handle 11 is grasped and the device is shaken over the clothes. The result is in the use of this device that drops of water are shaken through the openings 15 in the top portion of the cover 14. The squirting of the water through the openings in streams is prevented by the perforated diaphragm 16 breaking the force of the water as it is shaken against said perforated diaphragm, and this causes the water to come through the openings in the perforated diaphragm 16 in small streams and the top portion of the cover 14 breaks these streams and causes the water to drop out in small drops on account of the openings 15 being smaller than the openings 17.

Having thus described my invention, what I claim and desire to secure by Letters Patent of the United States, therefor is:—

A clothes sprinkler consisting of a body,

the upper portion of which is screw-threaded, a gasket adapted to be seated upon the upper edge of said body portion, a foraminated diaphragm provided with a depending marginal flange, adapted to be seated upon said gasket, a perforated cover the lower portion of which is provided with screw-threads and a flange upon the interior of said cover so disposed that when the cover is screwed

down onto the body, the said flange will 10 contact with the foraminated diaphragm and cause its depending marginal flange to tightly bind upon the said gasket, and a handle carried by the said body portion.

DAYSIE ADA McCLELLAND.

Witnesses:

MARIE GOES,
CAROLINE WADE.