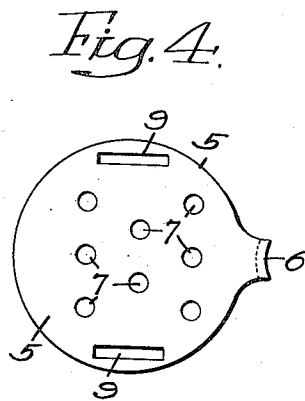
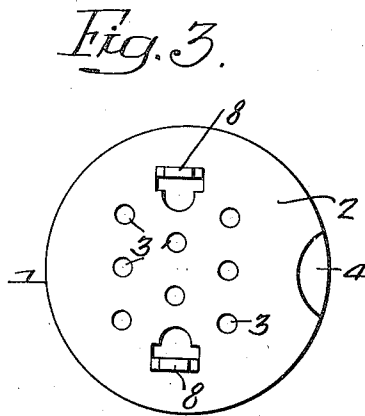
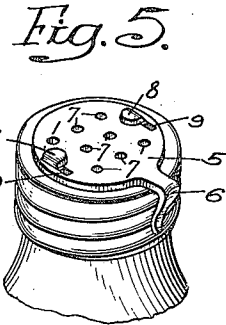
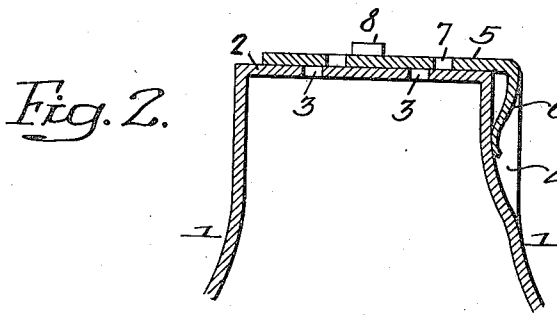
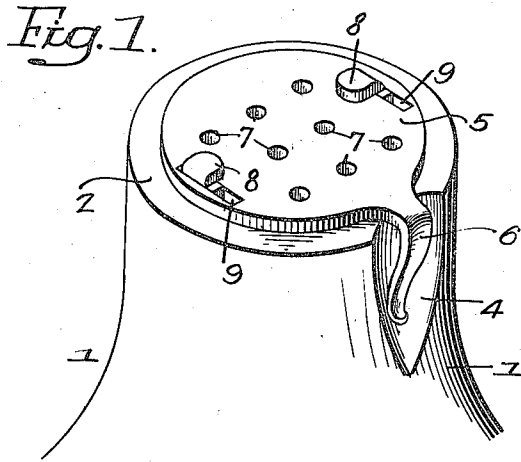


W. C. NENSTIEHL.
 SPRINKLER TOP FOR CONTAINERS.
 APPLICATION FILED OCT. 28, 1914.

1,161,718.

Patented Nov. 23, 1915.



Witnesses—
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 Willet A. Burrows

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UNITED STATES PATENT OFFICE.

WILLIAM C. NENSTIEHL, OF WILMINGTON, DELAWARE.

SPRINKLER-TOP FOR CONTAINERS.

1,161,718.

Specification of Letters Patent.

Patented Nov. 23, 1915.

Application filed October 28, 1914. Serial No. 869,096.

To all whom it may concern:

Be it known that I, WILLIAM C. NENSTIEHL, a citizen of the United States, and a resident of Wilmington, county of New Castle, State of Delaware, have invented certain Improvements in Sprinkler-Tops for Containers, of which the following is a specification.

My invention relates to certain improvements in sprinkler tops for containers used in sifting powder and granular material, such as salt, washing powders, tooth powders, etc.

One object of my invention is to provide means for keeping the container normally closed, yet allowing for the manipulation of the valve while the container is held in the hand. The moment the valve is released it moves back to the closed position. A further object of the invention is to make the spring member and the valve in one piece.

These objects I attain in the following manner, reference being had to the accompanying drawing, in which:—

Figure 1 is a perspective view of the upper portion of the container, illustrating my invention; Fig. 2 is a transverse sectional view; Fig. 3 is a plan view with the valve removed; Fig. 4 is a plan view with the valve detached; and Fig. 5 is a perspective view of a modification.

Referring to the drawings, 1 is the container having a perforated top 2, in the present instance made integral with the container, but it will be understood that it may be made separate and secured thereto in any suitable manner. In the top is a series of perforations 3 and one side is depressed to form a recess 4.

5 is the valve having a depending tongue 6 forming the spring member which is bent, as shown, and rests within the recess 4; the lower end of the tongue bearing against the inner wall of the recess. In the valve are perforations 7 which, when the valve is moved to the open position, aline with the perforations 3 in the top 2, allowing material to be shaken from the container.

In order to hold the valve on the top, I punch projections 8 from the top and slot the valve 5 at 9 for the reception of these projections and, after the valve is locked,

these projections are turned down onto the valve so as to hold it against the top, thus while the valve can slide laterally it cannot move vertically off the top.

In Fig. 5, I have shown a screw top which can be applied to any container and the valve is located on this top in the same manner as that shown in Fig. 1, but in this case the depression 4 is omitted and the tongue projects beyond the top and rests against the side thereof.

The operation is as follows:—The container is grasped by the hand with the thumb in contact with the tongue and, by pressing against the tongue with the thumb, the valve is moved laterally until the perforations aline so that, when the sprinkler is inverted, the material can be shaken from the container, but as soon as the thumb is released the spring tongue will return the valve to its normal position, as in Fig. 2, cutting off the flow of material and closing the receptacle.

I claim:—

1. The combination with a container having a perforated top, of a perforated valve mounted to slide on top of the container and having a narrow depending spring tongue at one side, said tongue having its lower end projecting inwardly and bearing on the side of the container and tending to hold the valve normally in the closed position and serving, when pressed, to move the valve to the open position.

2. The combination with a container having a perforated top and having a depression or recess in its wall at one side of the top, of a perforated valve mounted to slide at the top of the same and having a depending spring tongue disposed within said recess, said tongue having its lower end bearing against the container and retaining the valve normally in the closed position and serving, when pressed, to move the valve to the open position.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

WILLIAM C. NENSTIEHL.

Witnesses:

CLYDE T. MOYER,
WM. A. BARR.