

No. 657,363.

Patented Sept. 4, 1900.

J. W. SANDERSON.
SPRINKLING DEVICE.

(Application filed Feb. 15, 1900.)

(No Model.)

Fig. 1.

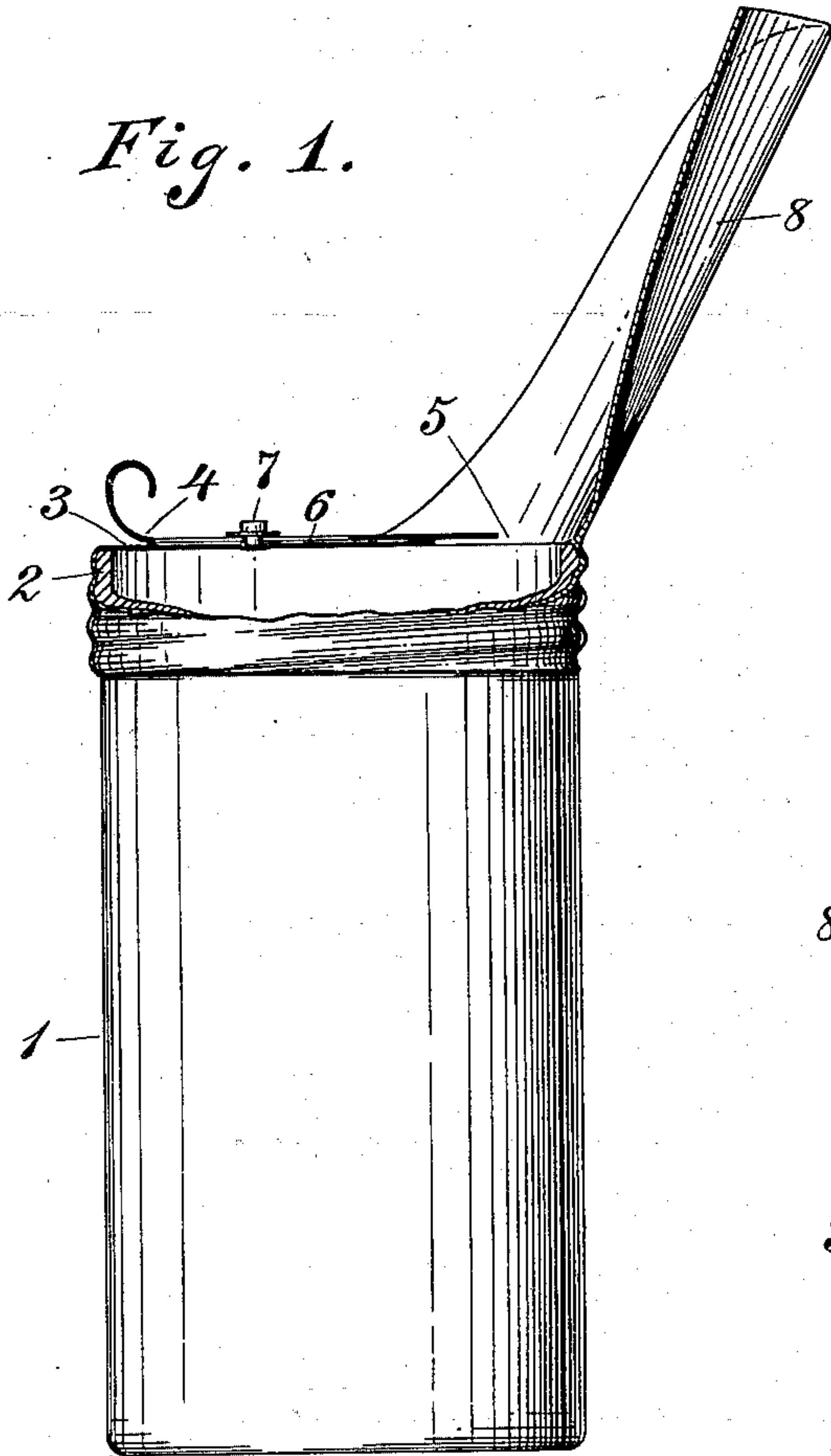


Fig. 3.

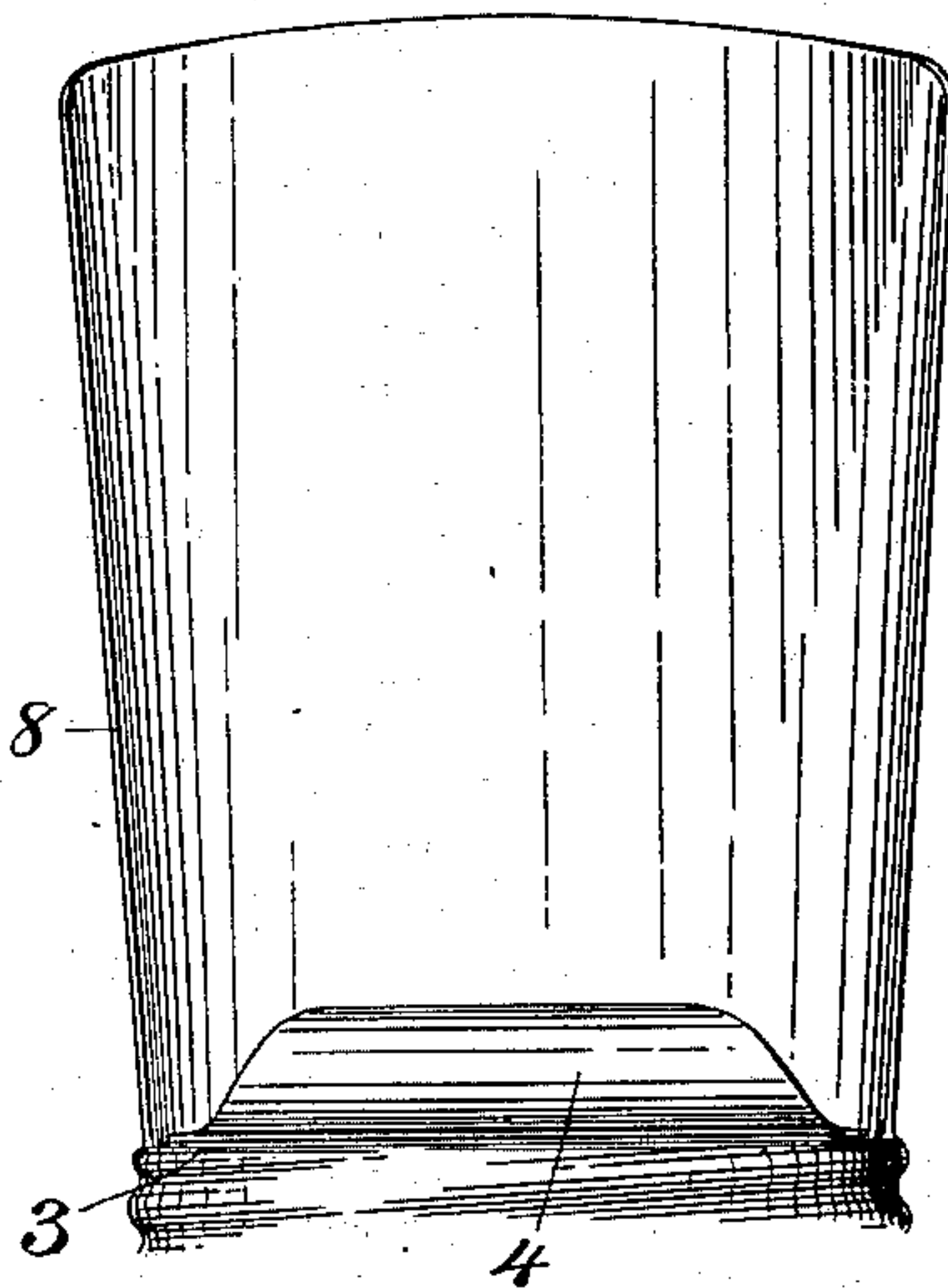
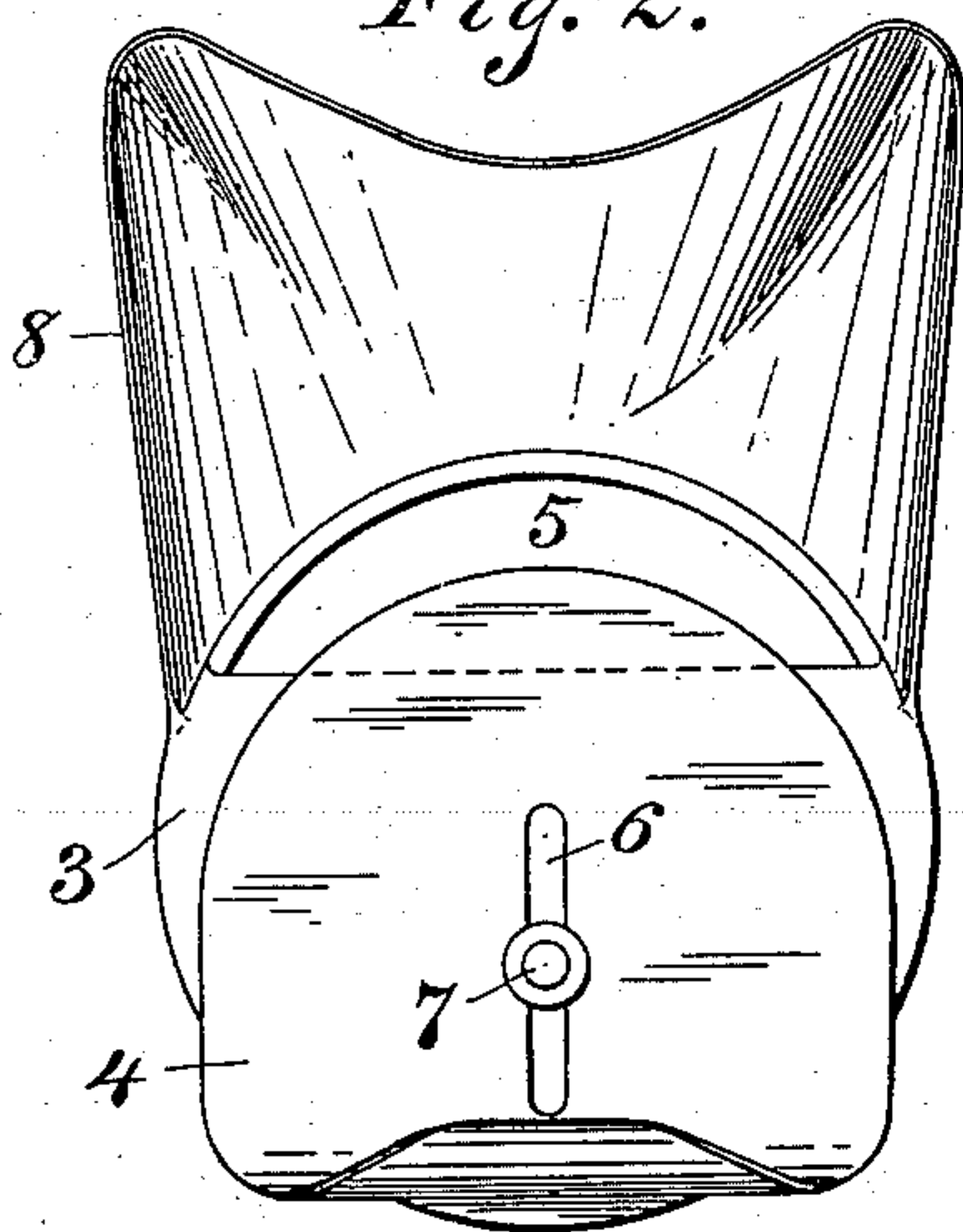


Fig. 2.



Witnesses:

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UNITED STATES PATENT OFFICE.

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SPRINKLING DEVICE.

SPECIFICATION forming part of Letters Patent No. 657,363, dated September 4, 1900.

Application filed February 15, 1900. Serial No. 5,340. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. SANDERSON, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Sprinkling Devices; and I do hereby declare the following to be a full, clear, and exact description of the same.

This invention relates to a sprinkling attachment for vessels or receptacles intended to contain granular or finely-divided substances, and is especially adapted for culinary purposes—as, for example, the making of mush, wherein it is desirable to avoid fluctuation in the stream of meal.

It has for its object a device adapted to pour in a continuous and uniform controllable stream of finely-divided or granular material, such as meal or sand, and at the same time constitute a convenient closing device or cover for the containing-receptacle. These objects are accomplished by means of the devices illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of the device, the upper part being sectioned or broken away to more clearly illustrate it. Fig. 2 is a plan view. Fig. 3 is a detail of the sprinkling device shown in front elevation.

Referring to the accompanying drawings, 1 is a containing vessel or receptacle of any suitable form or material, shown in the drawings as being a jar provided with a threaded upper portion 2.

3 is a threaded cap or cover provided with a slidable valve or gate 4, controlling a discharge-opening 5 in the cap or cover. The valve or gate 4 is attached to the cap or cover by suitable means, shown in the drawings as a slot 6 and a flat-headed pin 7 passing through the slot and attached to the cap or cover, and it is provided with a curled or turned-over edge to constitute a lip, whereby the valve or gate may be moved.

8 is a spout, shown in the drawings as conforming at its point of attachment with the cover to the shape of the vessel or receptacle and extending therefrom with changing contour, developing into a reverse curve.

In operation the vessel containing the meal is tipped at a suitable angle to discharge its

contents through the cover-opening, the valve or gate 4 being opened to admit of the outflow of the desired size of stream, which, owing to the arc-shaped form of the opening and the gate edge, would be thicker in the middle, and consequently pour more of the meal in one part of the stream than another. This undesirable effect is counteracted by the reverse-curved form of the spout, which by presenting less incline in the reverse portion and greater surface for the whole stream equally distributes the material over the whole width of the spout, thus securing a wide stream of uniform thickness.

It is apparent that the device is applicable to vessels of other section than that herein shown, and it may be made integral with the material of the receptacle with the exception of the moving gate. The lower edge of the gate also may be varied in form or even be made serrated, if desired. I therefore do not confine myself to the exact form, construction, or proportion of parts herein shown; but

What I claim as new, and desire to secure by Letters Patent, is—

1. A sprinkling device comprising an attachable cover, for a receptacle, having a valve-controlled opening and a spout substantially conforming to the shape of the receptacle at its point of attachment and extending therefrom with changing contour developing into a reverse curve.

2. A sprinkling device comprising an attachable cover, for a receptacle, having a sliding-gate-controlled opening and a spout substantially conforming to the shape of the receptacle at its point of attachment and extending therefrom with changing contour developing into a reverse curve.

3. A sprinkling device comprising a receptacle having a valve-controlled opening and a spout substantially conforming to the shape of the receptacle at its point of attachment and extending therefrom with changing contour developing into a reverse curve.

4. A sprinkling device comprising a receptacle having a sliding-gate-controlled opening and a spout substantially conforming to the shape of the receptacle at its point of attachment and extending therefrom with

changing contour developing into a reverse curve.

- 5 5. Asprinkling device comprising a threaded attachable cover, for a receptacle, having a valve-controlled opening and a spout substantially conforming to the shape of the receptacle at its point of attachment and extending therefrom with changing contour developing into a reverse curve.
- 10 6. Asprinkling device comprising a thread-

ed attachable cover, for a receptacle, having a sliding-gate-controlled opening and a spout substantially conforming to the shape of the receptacle at its point of attachment and extending therefrom with changing contour developing into a reverse curve. 15

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Witnesses:

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