

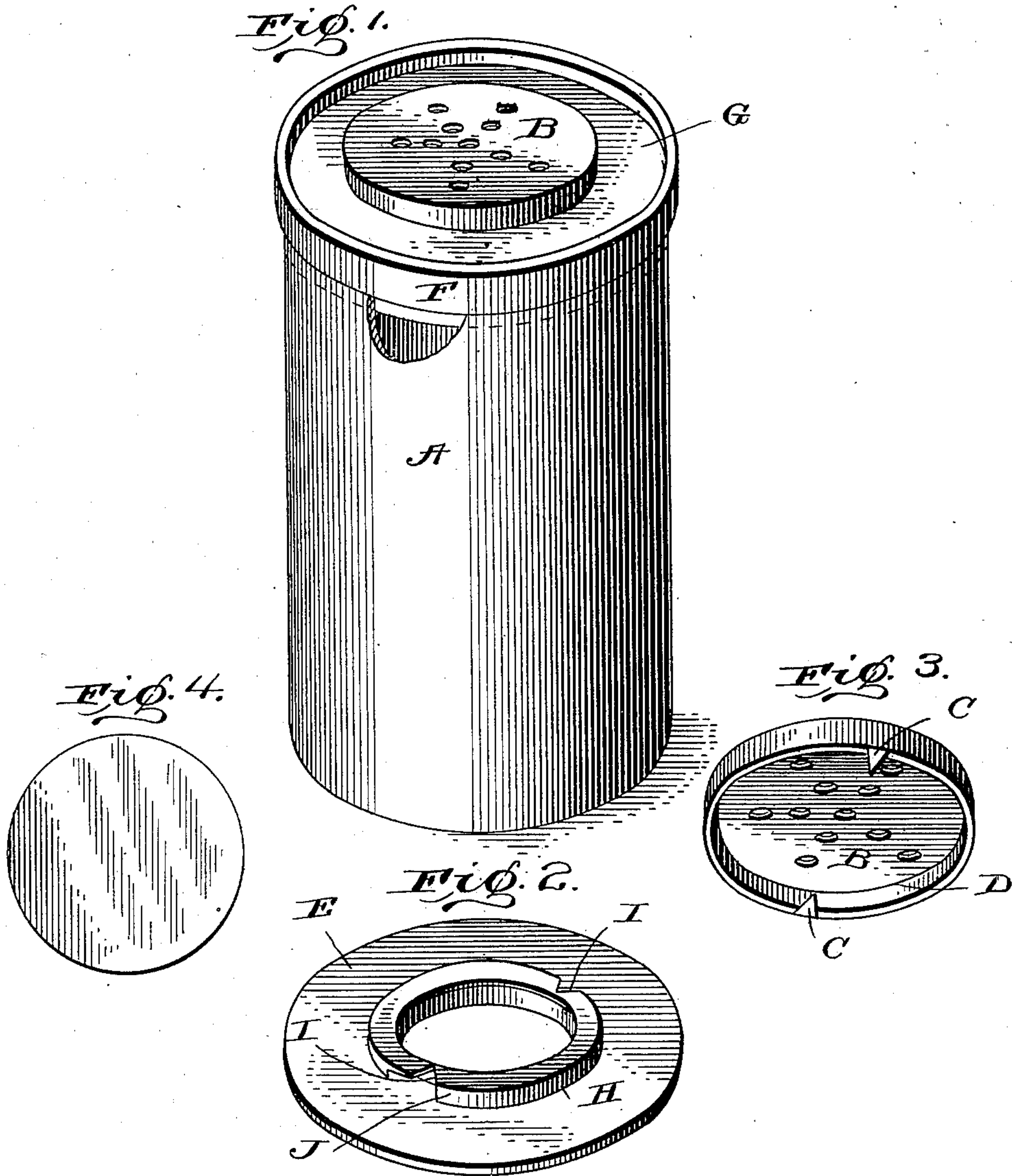
No. 663,789.

Patented Dec. 11, 1900.

J. SELLE.
CAN.

(Application filed June 30, 1900.)

(No Model.)



Witnesses
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By

Joseph Selle Inventor
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UNITED STATES PATENT OFFICE.

JOSEPH SELLE, OF MANSFIELD, OHIO.

CAN.

SPECIFICATION forming part of Letters Patent No. 663,789, dated December 11, 1900.

Application filed June 30, 1900. Serial No. 22,223. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH SELLE, a citizen of the United States, residing at Mansfield, in the county of Richland and State of Ohio, have invented a new and useful Improvement in Cans, of which the following is a specification.

My invention relates to a new and useful improvement in cans that are usually made of sheet metal, pasteboard, or other similar material.

My device relates to a new and novel means of constructing a cover for cans; and the objects of my invention are, first, to construct a cover for cans that is suitable for holding liquids, powders, &c., securely and preventing the admission of air between the cover and nozzle; second, to provide a cover for cans that can be instantly removed and the ingredients taken out and the cover replaced, making an air-tight fit, and, third, as an article of manufacture, to provide a simple and novel cover for cans that makes it possible to use the can and cover indefinitely. I attain these objects by the construction of the cover and nozzle of the can illustrated in the accompanying drawings, in which—

Figure 1 is a perspective plan view of my can, showing the cover in place on the nozzle of the can. Fig. 2 is a plan view of the top and nozzle of the can, showing slots cut therein. Fig. 3 is a bottom plan view of the cover, showing V-shaped projections. Fig. 4 is a plan view of a paper gasket.

Similar letters refer to similar parts throughout the several views.

The body of the can A is made of any suitable material and of any required size. The body of the can is preferably made of pasteboard, which is rolled on a mandrel of any diameter and fastened together with glue or other adhesive substance.

The cover B of the can is blanked out of sheet metal, having V-shaped or other similar projections C, diametrically opposed to each other and made integral with said blank. The blank is then pressed to fit the nozzle of any-sized can, having the V-shaped projections C flush with the flange D of the nozzle and turned inwardly in alignment with each other.

The top E is blanked out of sheet metal. A round hole is punched in the center thereof.

A flange F extends around the circumference of the body of the can and projects downwardly and is used as a means of attaching the top to the body of the can by the well-known process of beading. A channel or groove G is depressed in the top E, extending around its circumference.

The nozzle H of the can is formed integral with the top E. V or similar shaped perforations I are cut in the top of the nozzle H to conform and coincide with the V-shaped projection C when the cover B is applied. Right-angled slots connecting with the perforations I are cut in the side of the flange J, the base of the angles extending in opposite directions, having the upper side of the base of said angle-slots I cut tapered, the purpose of which is to insure perfect contact and an air-tight fit between the nozzle and the cover.

To apply the cover, the V-shaped projections C are inserted in the perforations I. The cover is then pressed down and turned to the right. The V-shaped projections C come in contact with the tapered portion of the base of the right-angled slots and as the cover is turned increase the pressure more or less.

A piece of paper or similar material is placed between the top of the nozzle and the cover of the can to insure perfect contact. It is obvious that the cover can be perforated or left blank without deviating from the principle of my invention.

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

1. The combination with a can, of a head provided with a central upturned flange, said flange consisting of a vertical portion connected to the head and a horizontal inwardly-projecting portion having V-shaped slots therein, said vertical portion having angle-slots therein connecting with the V-shaped apertures, and a cover provided with V-shaped projections adapted for engagement with said slots.

2. The combination with a can or other receptacle, having a head provided with upturned concentric flanges, the inner one of which is L-shaped in cross-section, the vertical portion of said flange having decreasing angular slots cut therein and the horizontal portion having V-shaped apertures, and a

cover provided with V-shaped projections for engagement with said slots.

3. The combination with a can, of a head having a circular upturned flange formed centrally of said head, said flange provided with V-shaped perforations communicating with right-angled slots, said slots having the upper portion of the base of the angle tapered and a cover having means for engaging said slots to retain the cover securely in place.

4. In a can or other receptacle, the combination with a head having upturned concentric flanges, of an annular depression between said flanges, said inner flange being of an inverted-L shape in cross-section and having V-shaped apertures in its horizontal portion communicating with decreasing angular slots in its vertical portion, and a cover provided with V-shaped projections for engagement with said apertures and slots.

5. In a can, the combination with a head having concentric upturned flanges, an annular depression between said flanges, said inner flange having an annular inwardly-projecting ring flush with its upper surface, with V-shaped apertures therein, said flange having bayonet-slots and a cover provided with perforations in its top and having V-shaped projections extending inwardly for engagement with said apertures and slots.

6. In a can, the combination with a head having concentric upturned flanges, an annular depression between said flanges, said inner flange having an annular inwardly-projecting ring flush with its upper surface, provided with V-shaped apertures therein, said

inner flange having bayonet-slots and a cover provided with perforations in its top and having V-shaped projections extending inwardly for engagement with said apertures and slots, said cover when in position being in close contact with the surface of the annular depression.

7. In a can, the combination of a cover having projection made integral with said cover, a head having a groove or depression pressed therein, and a nozzle with right-angled slots cut therein, with the base of said slots tapered, the top of said nozzle having V or similarly shaped perforations cut therein and connecting with the angle-slots, paper or other suitable material placed between the point of contact of the nozzle and cover.

8. In a can or other receptacle, the combination with a head having an upturned flange of general L shape in cross-section, said flange having V-shaped apertures in the horizontal portion thereof and angular tapered slots in the vertical portion thereof, of a cover provided with V-shaped projections for engagement with the apertures and slots, the latter being so constructed with a decreasing angle at their inner ends as to clamp the cover more tightly to the flange as the cover is screwed or turned thereon.

Signed by me at Mansfield, Richland county, Ohio, this 23d day of June, 1900.

JOSEPH SELLE.

Witnesses:

R. W. HARTMAN,
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