

No. 803,743.

PATENTED NOV. 7, 1905.

W. P. COLDREN.
FRUIT JAR CAP.

APPLICATION FILED JUNE 26, 1905.

FIG. 1

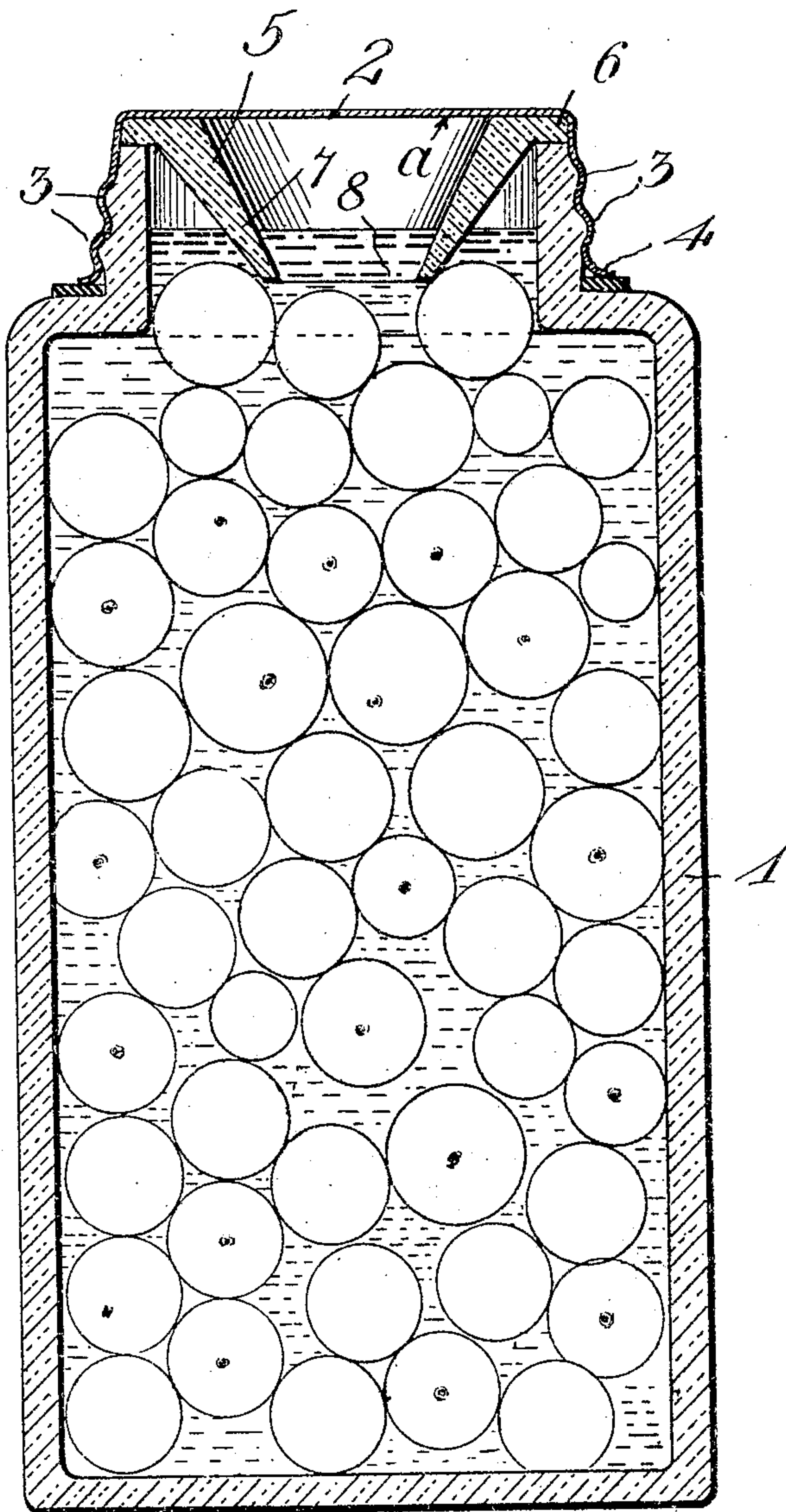


FIG. 2

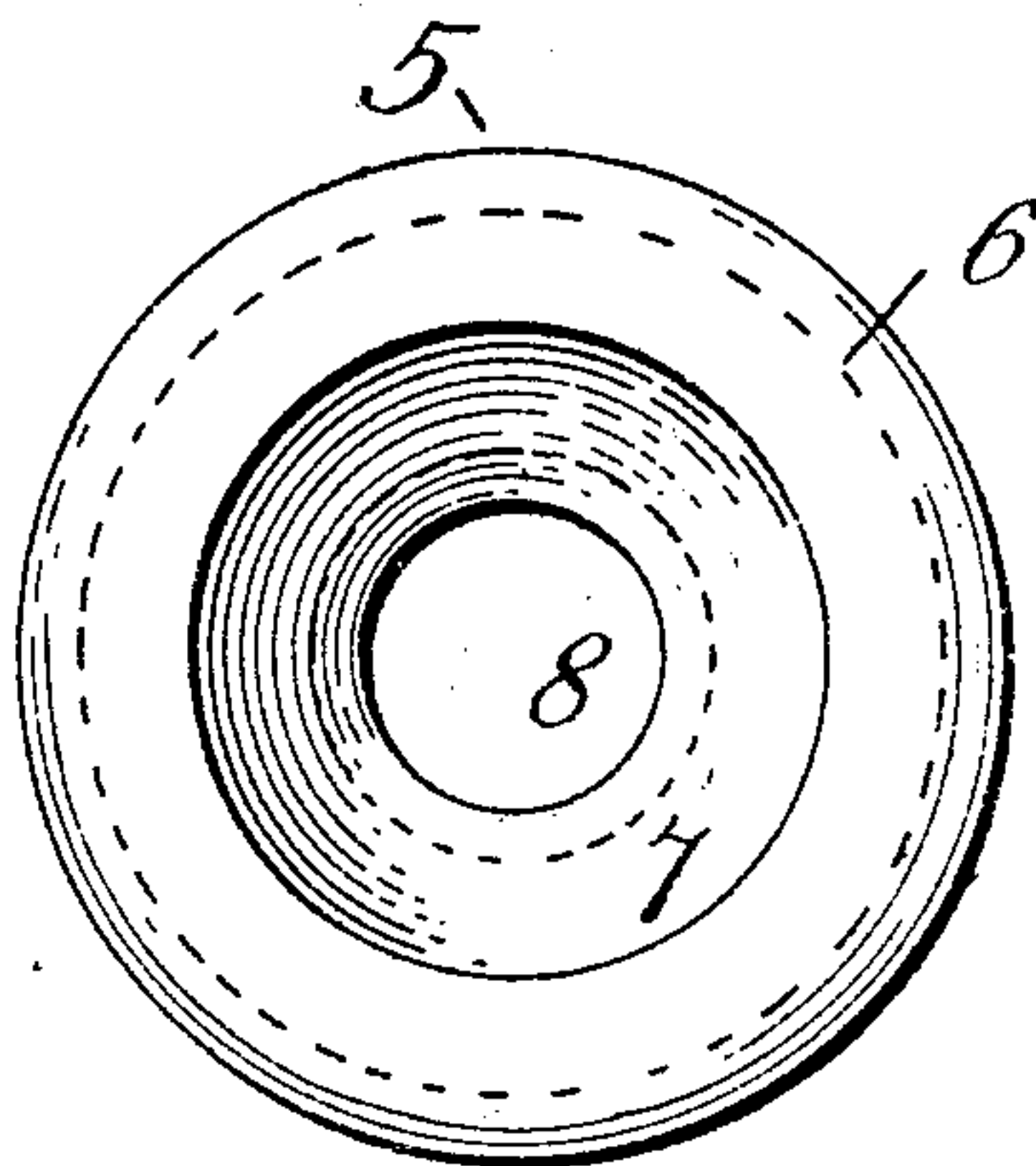
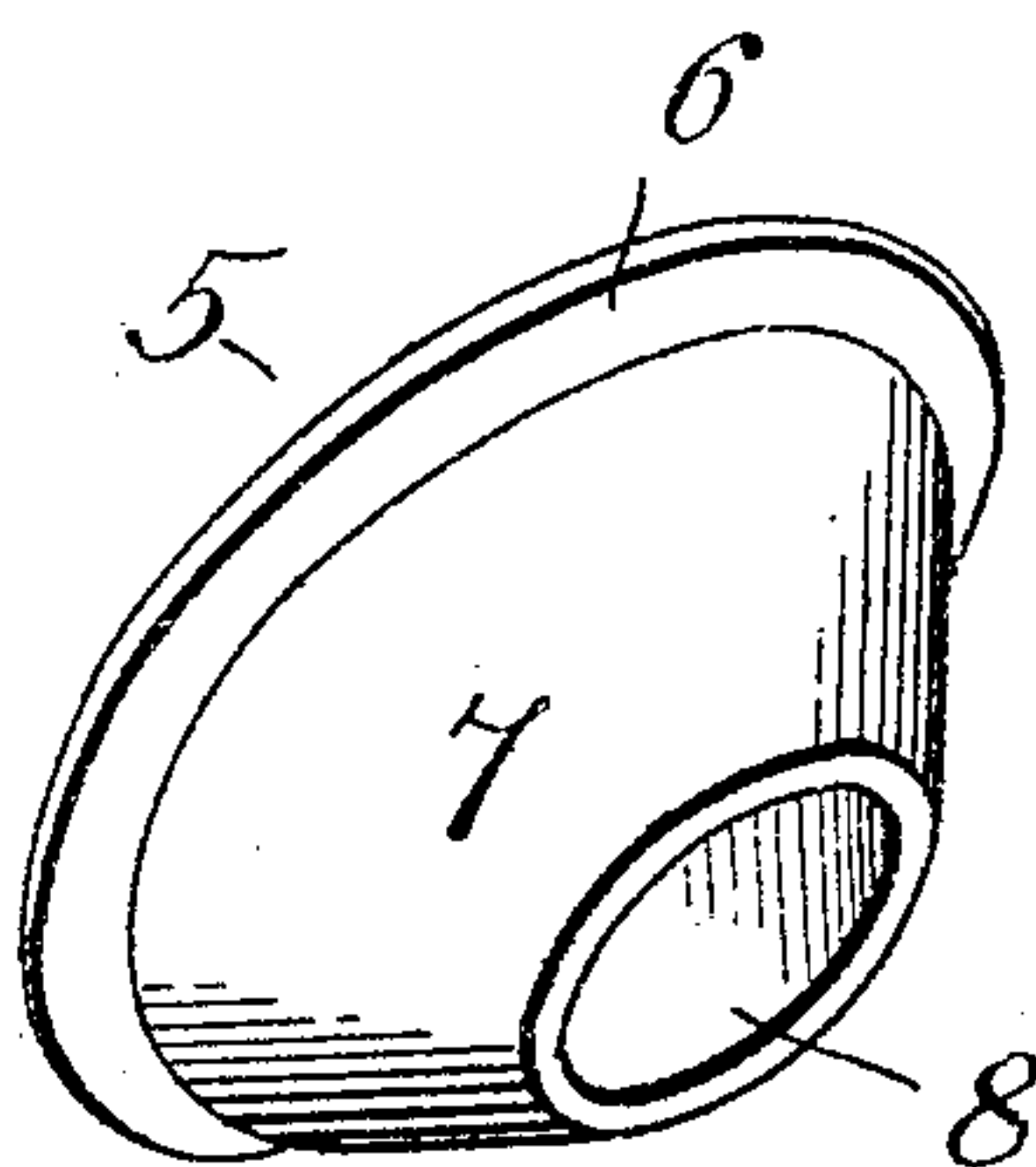


FIG. 3



Witnesses

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FRUIT-JAR CAP.

No. 803,743.

Specification of Letters Patent.

Patented Nov. 7, 1905.

Application filed June 26, 1905. Serial No. 267,097.

To all whom it may concern:

Be it known that I, WILLIAM P. COLDREN, a citizen of the United States, residing at Lebanon, in the county of Lebanon and State of Pennsylvania, have invented certain new and useful Improvements in Fruit-Jar Caps; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to fruit-jar caps or covers; and the principal object of the same is to provide a cap which can be thoroughly cleaned and in which the top wall of the metal cap will be readily accessible for cleaning purposes.

Another object is to provide a porcelain or glass immerser for the cap of fruit-jars which will have a frusto-conical wall and a large central opening, so that the fruit juices or liquid at the top of the jar may be divided into two compartments, one at each side of the wall, in order that the pressure or vacuum created within the jar will equalize upon opposite sides of the wall, and thus prevent breakage of the immerser.

In fruit-jar caps as at present constructed the porcelain disk held within the cap prevents access to the inner wall of the cap or cover for cleaning purposes, and when jars are to be used a second time it is very essential that all parts of the cap should be thoroughly cleansed, as the mold and other collections from the previous use are liable to destroy the contents of the jar when refilled. One of the objects of my invention is to overcome this defect by giving access to all parts of the cap and the disk or immerser for cleaning.

These objects are attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section of a fruit-jar having my improved cap and immerser thereon. Fig. 2 is a plan view of the immerser, and Fig. 3 a perspective view of the same.

Referring to the drawings for a more particular description of the invention, the numeral 1 designates a fruit-jar of ordinary construction, and 2 is the cap or cover therefor, provided with the usual spiral corrugations or threads 3 to attach the cap to the jar. At the lower edge the cap has an outwardly-extended

flange 4, designed to give a broader bearing upon the rubber gasket or gum for the jar. The porcelain or glass immerser 5 is of frusto-conical shape and is provided with an upper annular flange 6, adapted to be seated against the top inner wall *a* of the cap, and the inclined converging wall 7, which terminates at the opening 8. The opening 8 is of such size as to afford access to the wall *a* of the cap and all parts of the porcelain immerser.

When the cap is turned down onto the jar, the liquid at the top of the fruit will surround the wall 7 and be of equal pressure upon both sides, thus reducing the liability of breakage to a minimum.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A fruit-jar cap having a frusto-conical immerser therein, the latter provided with a central opening to give access to all parts of the cap for cleansing.

2. An immerser for fruit-jars having an annular flange at its upper end, a frusto-conical or converging side wall provided with a terminal opening at its lower end, for the purpose described.

3. A fruit-jar cap, in combination with an immerser provided with an opening at its lower end and having an annular flange at its upper end to bear against one wall of the cap, and a converging side wall, substantially as described.

4. In a fruit-jar cap, the combination of a cap having an outwardly-extending base-flange and an immerser secured therein and provided with an upper annular flange, and converging side walls having a terminal opening, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM P. COLDREN.

Witnesses:

SAMUEL E. FOX,
B. F. WARD.