

No. 768,439.

PATENTED AUG. 23, 1904.

W. B. FENN.
SALT CELLAR.

APPLICATION FILED OCT. 9, 1903.

NO MODEL.

Fig. 1

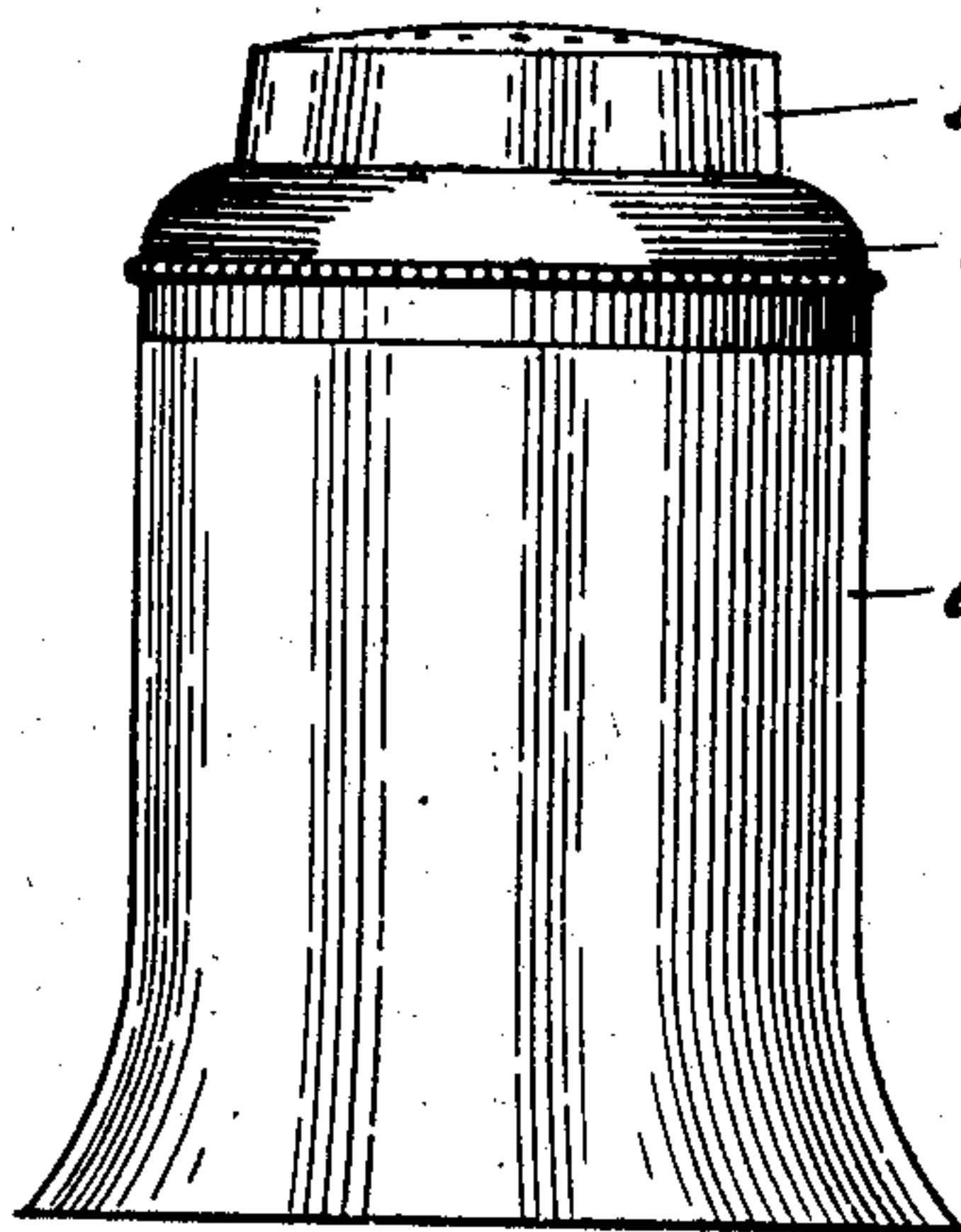


Fig. 2

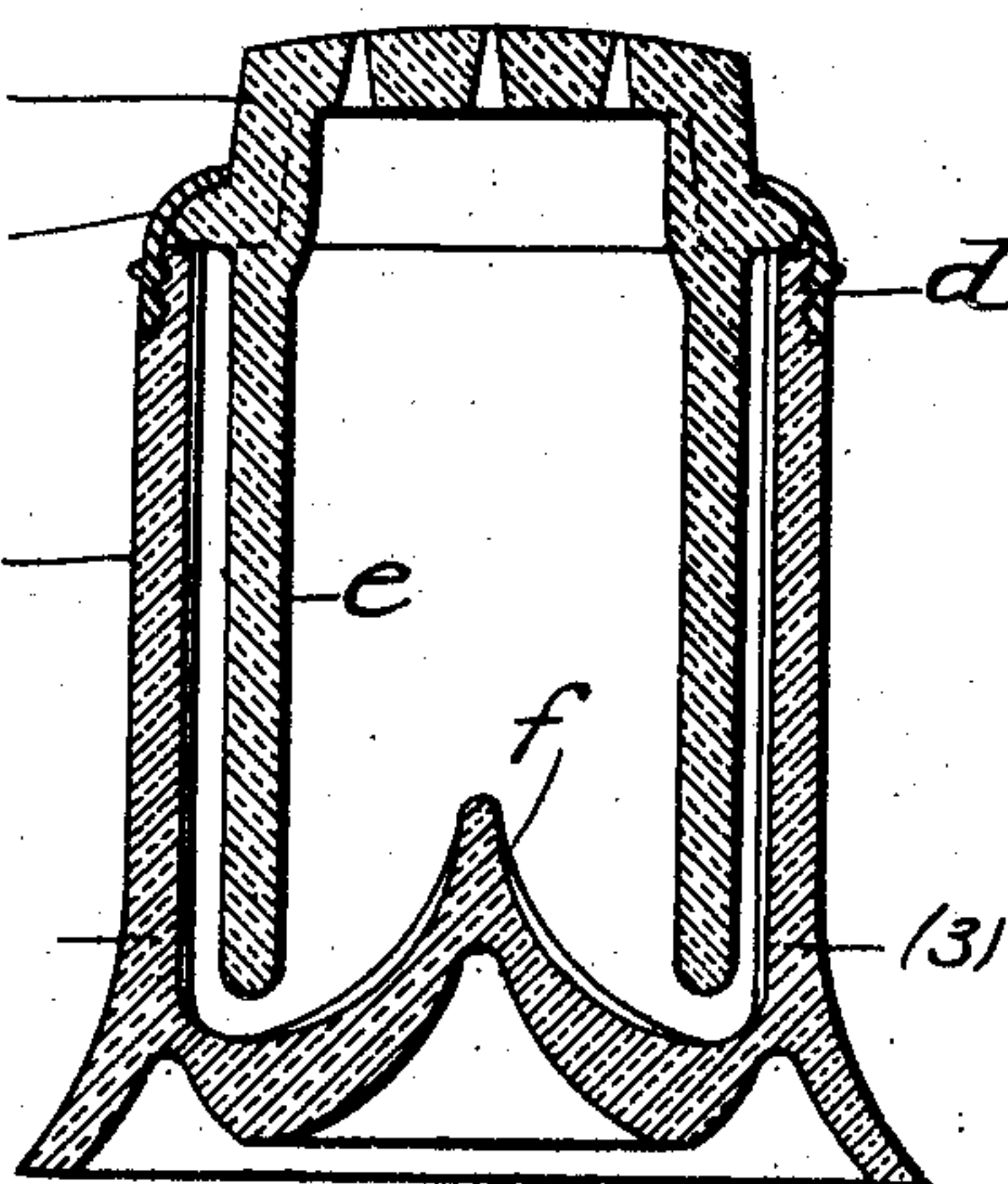


Fig. 3

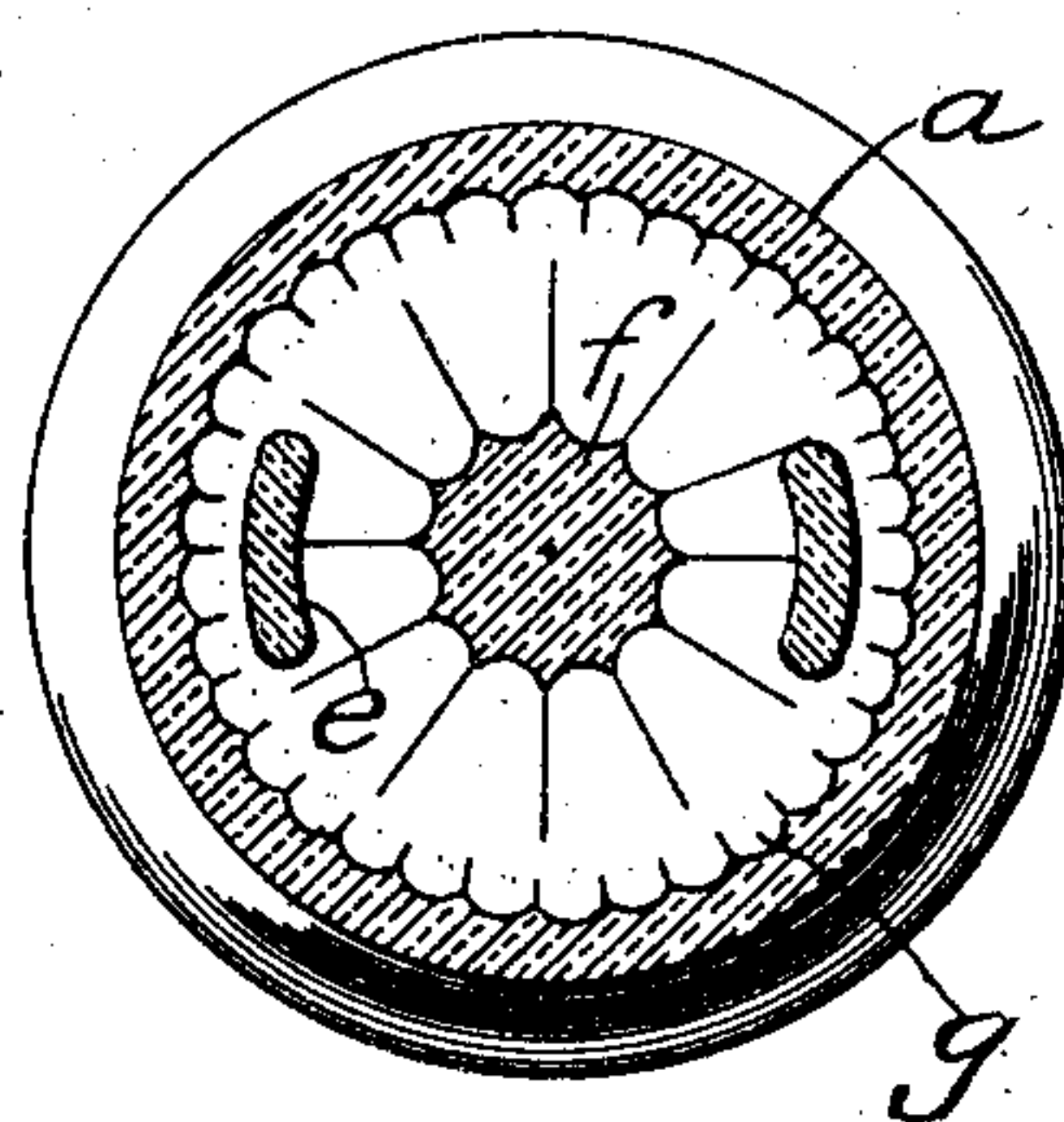


Fig. 4

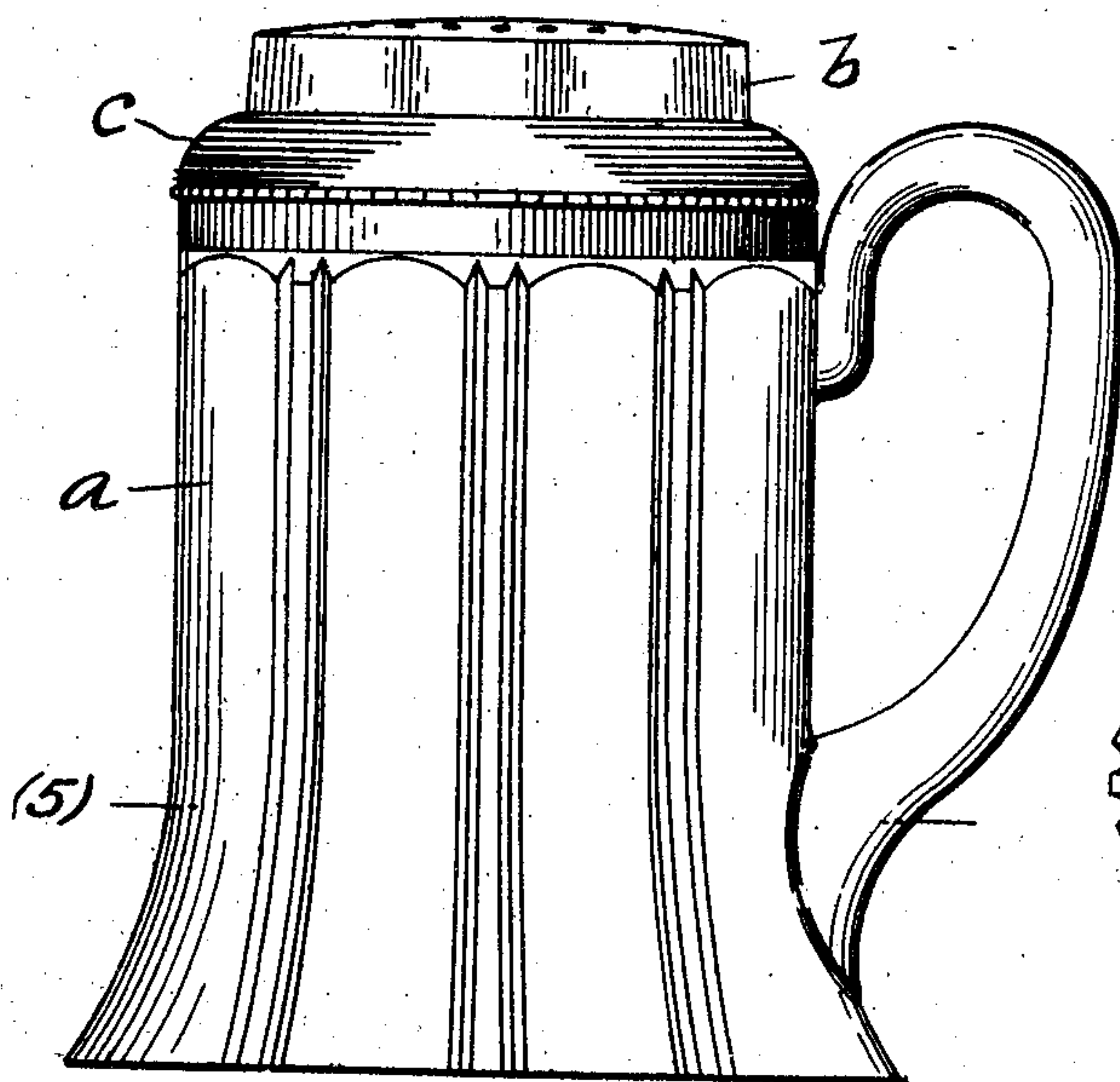
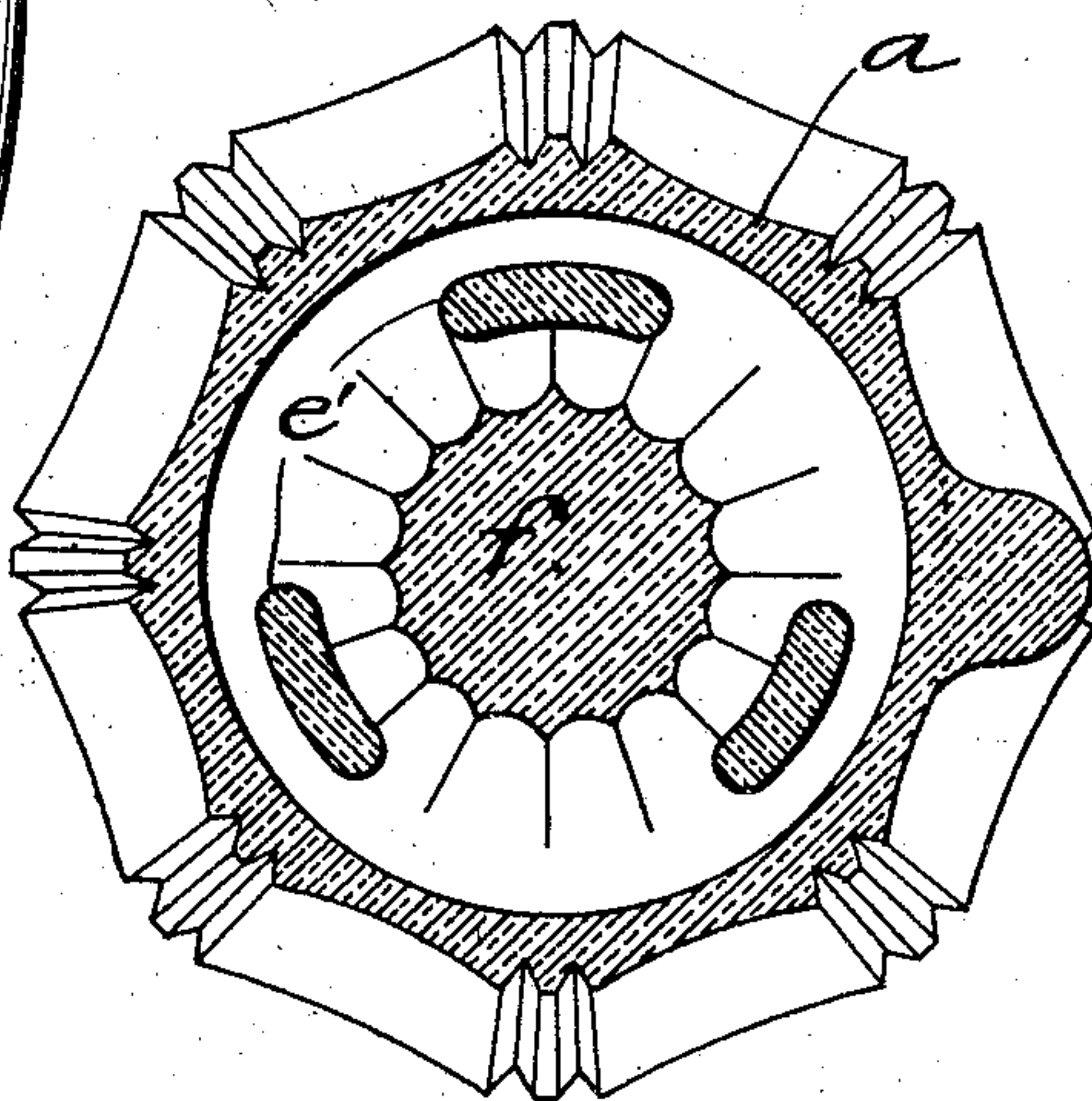


Fig. 5



Witness:

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UNITED STATES PATENT OFFICE.

WILLIAM B. FENN, OF WASHINGTON, PENNSYLVANIA.

SALT-CELLAR.

SPECIFICATION forming part of Letters Patent No. 768,439, dated August 23, 1904.

Application filed October 9, 1903. Serial No. 176,382. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. FENN, a citizen of the United States, residing at Washington, in the State of Pennsylvania, have invented certain new and useful Improvements in Salt-Cellars, of which the following is a specification.

My invention relates to vessels for containing ground or granulated materials such as salt, pepper, sugar, &c., and particularly to means for readily emptying the contents from such vessels and preventing them from caking inside the same; the primary objects of the invention being to provide a device movable from the outside to loosen the material when it becomes packed in the vessel and cause it to more readily discharge from perforated openings in the closing cap of the vessel; also to provide such a salt cellar or sugar box in which no metallic parts come in contact with the contents of the vessel and in which the cap and the means for loosening the material are made in one piece; and to generally improve the structure and operation of vessels of the kind specified. These objects, and other advantages which will hereinafter appear, I attain by means of the construction illustrated in preferred form in the accompanying drawings, wherein—

Figure 1 is a side elevation, and Figure 2 is a vertical central section, of a vessel designed for containing salt and having my improvements therein;

Figure 3 is a horizontal section through the vessel, taken on the line (3) in Figure 2;

Figure 4 is a side elevation of a similar vessel designed to contain sugar and provided with a handle;

Figure 5 is a horizontal section, taken on line (5) in Figure 4.

In the construction shown for illustration I may either provide the body of the vessel, *a*, with interior ribs when desired, or it may be plain as shown in Figure 5. In the top of the body *a* I provide a combined cap *b* and agitating device *c*, which is secured on the body *a* by means of a metallic screw ring *e*, as will be clearly understood from Figure 2. The bottom of the vessel may be provided with an upwardly projecting conical portion

in order to co-act with the depending arms *e* of the cap for the purpose of more readily breaking up any cakes that may form in the vessel. It will be understood that I preferably make these arms *e* integral with the cap *b*, and these arms may be any number desired, as the two shown in Figure 3, or in three as shown at *e'* in Figure 5. The upwardly projecting center *f* may of course be omitted when desired, and the form of the arms *e* may be varied to suit the material contained in the vessel.

The retaining ring *c* may be attached to the body in any desired manner, but I prefer the screw thread; and it will be understood that the form of the ring is such as to allow a free play of the flange of the cap on top of the vessel in order that it may be readily turned to accomplish its purposes. The contents of the vessel do not come in contact with the metallic ring *c*, and the cap *b* may readily be revolved in place in order to loosen the material, being preferably made rough in order that it may be easily held by the hand for this purpose.

Having thus described my invention and illustrated its use, what I claim as new, and desire to secure by Letters Patent, is the following:

1. A three part salt cellar comprising a body portion, a flanged cap closing the same, an attaching ring for the two parts fixed on the body and overhanging said flange and allowing the revolution of the cap independent of the ring and body, and a series of separate dependent arms made integral with the cap and extending in to the vessel for stirring the contents thereof.

2. A salt cellar comprising a glass body portion and revoluble perforated glass cap provided with integral depending legs extending into the body of the vessel, the two parts being connected by means of a screw ring attached to the body of the vessel and loosely engaging the cap so that the latter may turn on the body within the ring.

3. In a salt or sugar containing vessel the combination with a perforated cap adapted to be revolved and having depending legs in the vessel to agitate the contents, of an upwardly

extending ribbed portion in the bottom of the vessel to co-operate with said depending arms for the purposes specified.

4. A closed glass vessel provided with a
5 ribbed interior wall and an upwardly projecting ribbed cone in the bottom, and a movable cap having dependent legs co-operating with the cone to agitate the material therein.

In testimony whereof I have hereunto signed my name in the presence of the two subscribed witnesses.

WILLIAM B. FENN.

Witnesses:

MINNIE A. LEONARD,
B. F. ROBERTS.