

No. 808,362.

PATENTED DEC. 26, 1905.

J. R. HARBECK.
CONTAINER TOP.

APPLICATION FILED JAN. 7, 1905.

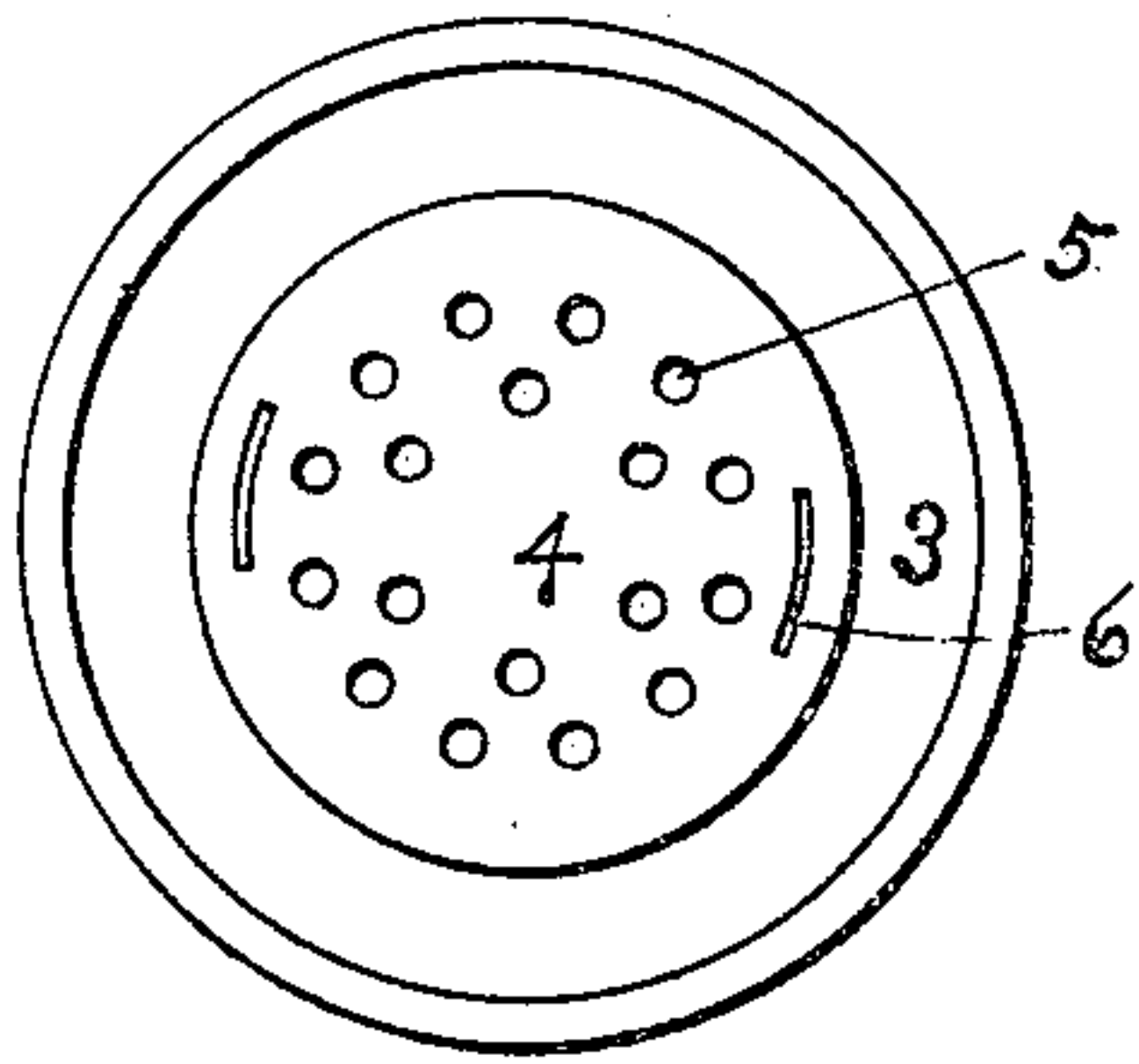


Fig. 1.

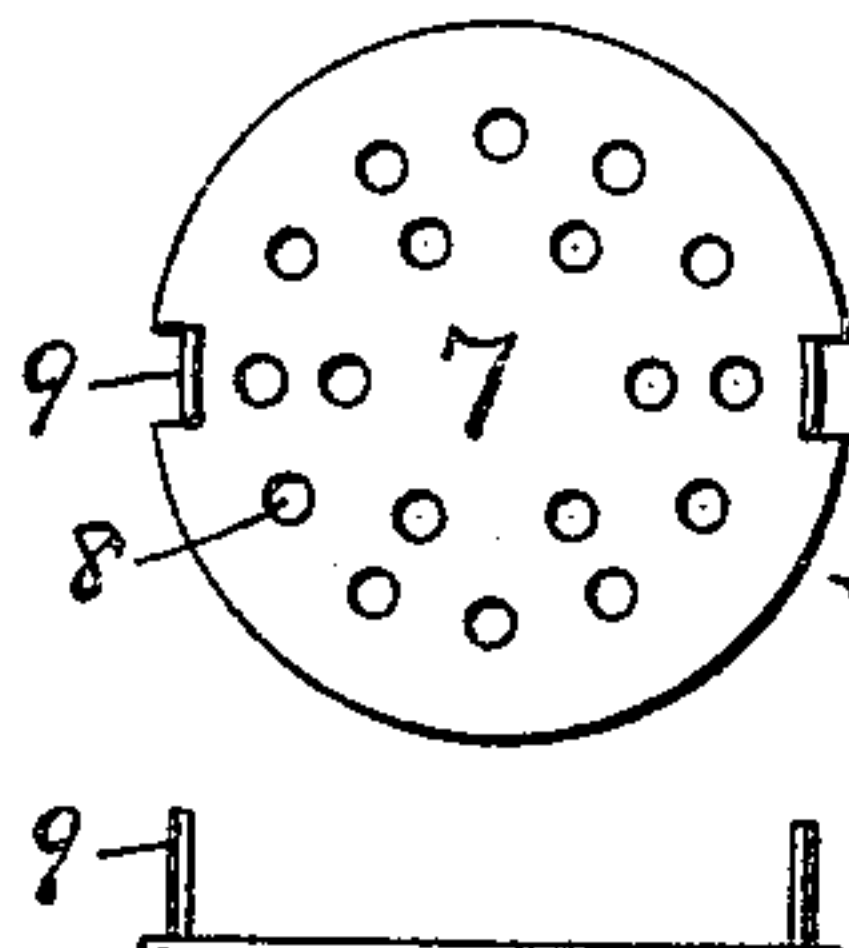


Fig. 2.



Fig. 3.

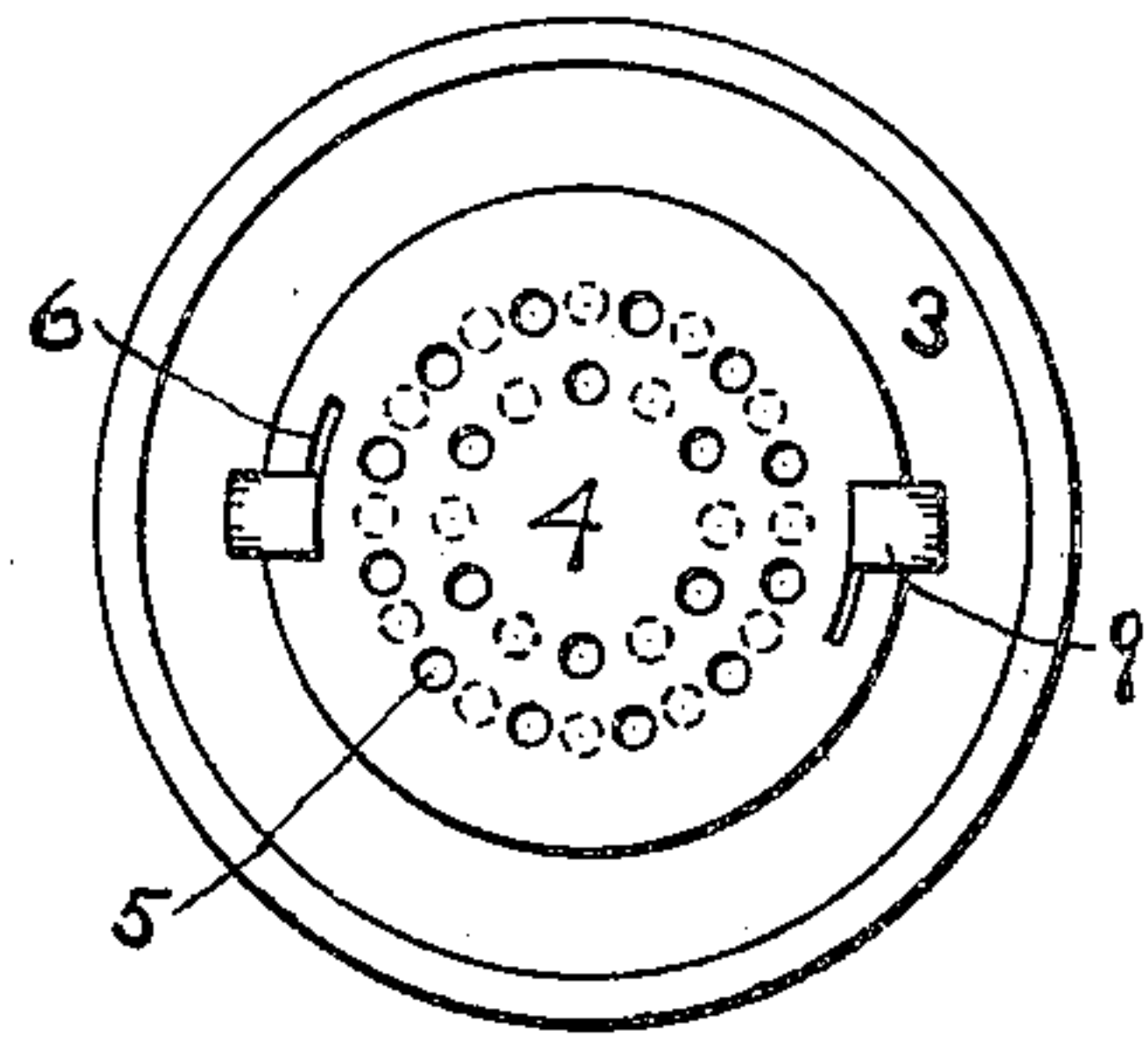


Fig. 4.

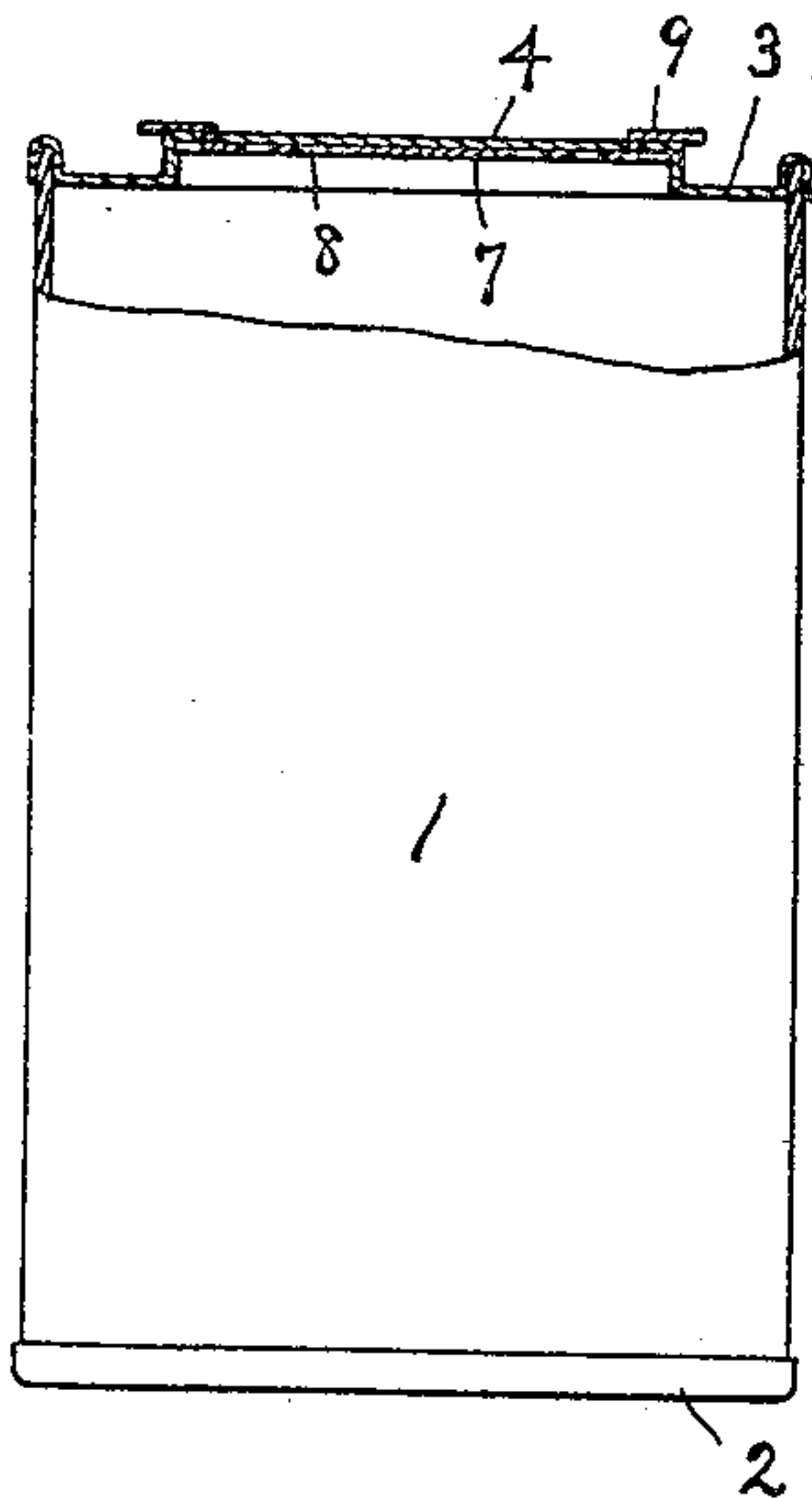


Fig. 5.

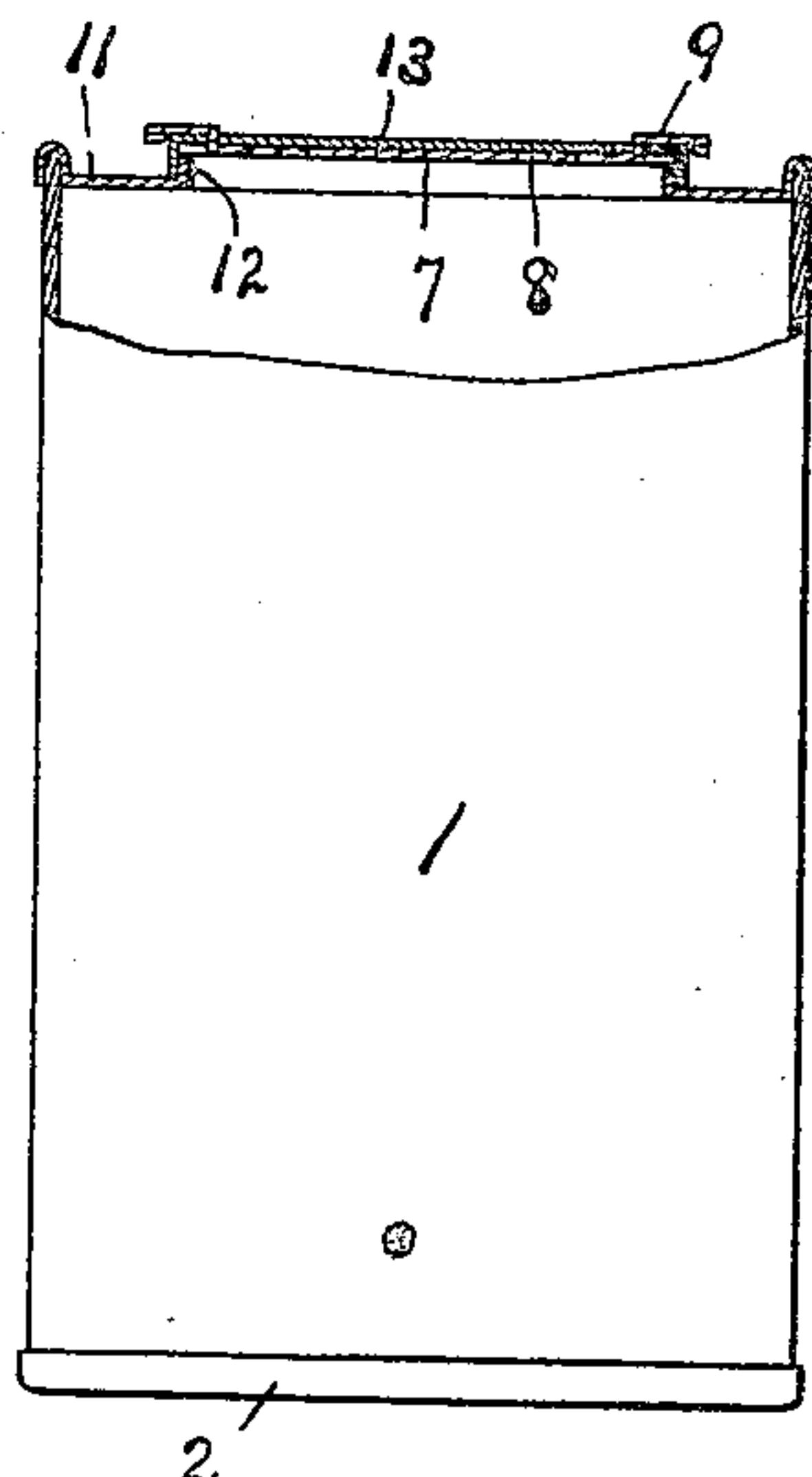


Fig. 6.

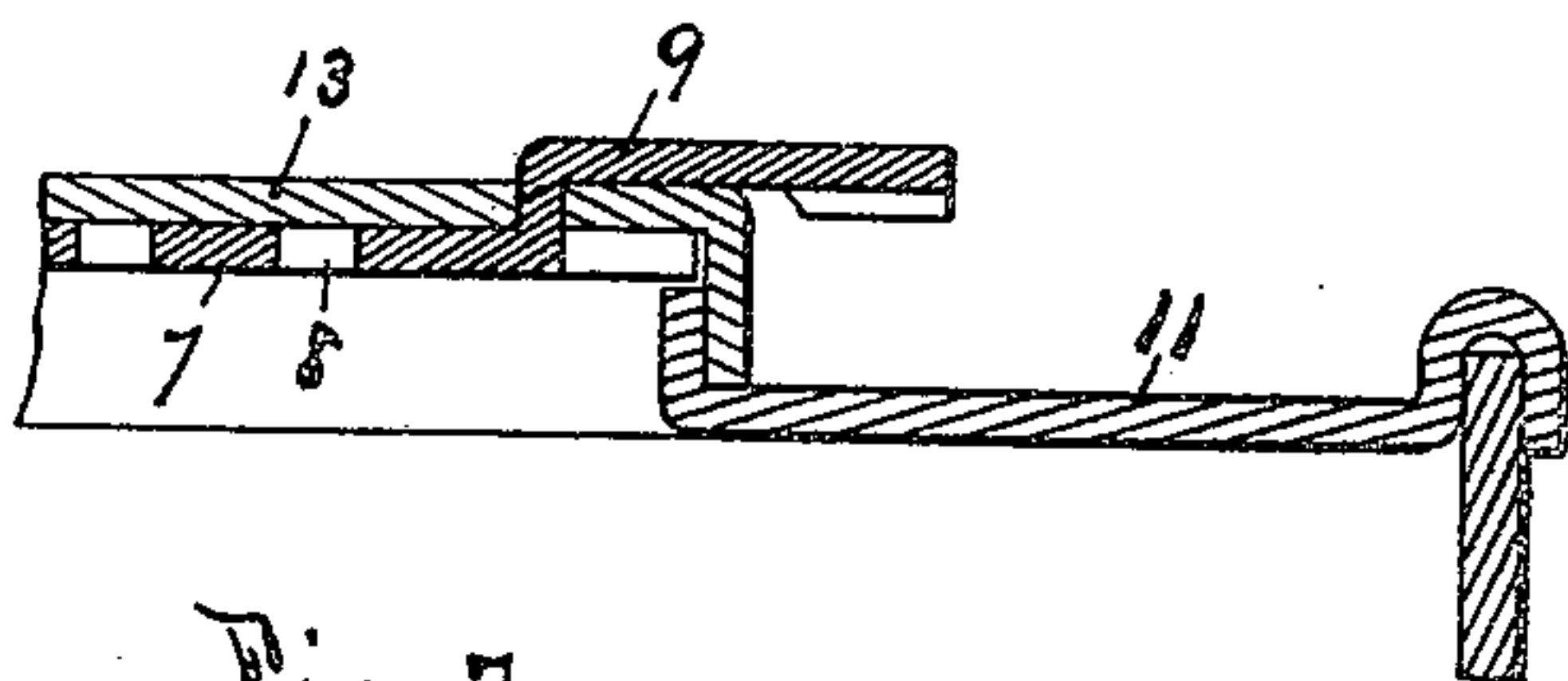


Fig. 7.

Witnesses:

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UNITED STATES PATENT OFFICE.

JERVIS R. HARBECK, OF DETROIT, MICHIGAN, ASSIGNOR TO GEM FIBRE PACKAGE COMPANY, OF DETROIT, MICHIGAN, A CORPORATION OF MICHIGAN.

CONTAINER-TOP.

No. 808,362.

Specification of Letters Patent.

Patented Dec. 26, 1905.

Application filed January 7, 1905. Serial No. 240,025.

To all whom it may concern:

Be it known that I, JERVIS R. HARBECK, a citizen of the United States, and a resident of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Container-Top, of which the following is a specification.

This invention relates to sifters for container tops and closures; and the object of this improvement is to provide an article of this kind that shall be permanent, easily and cheaply constructed, and that will not permit the escape of any of the material in the container until the movable portion of the sifter has been moved to discharging position. I attain this object by the construction shown in the accompanying drawings, in which—

Figure 1 is a plan of the top or closure portion of the sifter. Fig. 2 is a plan of the closing-plate or movable portion of the sifter. Fig. 3 is a side view of the same. Fig. 4 is a plan of the sifter assembled. Figs. 5 and 6 are cross-sections of two forms of containers provided with my improved sifters, the bodies of the containers being largely in cross-section. Fig. 7 is an enlarged detail of Fig. 6.

Similar reference characters refer to like parts throughout the several views.

Container-tops provided with sifters are usually constructed with a revoluble plate secured to the main portion of the top by means of a rivet that acts as the pivot for the plate. The cost of the labor required to assemble the parts is often the greater portion of the expense in making the top. Because of the necessarily small size of the rivet the movable plate soon wears loose, permitting the escape of the contents of the container. My invention dispenses with the rivet and the labor required to place such a small element into its necessarily small apertures and instead provides parts that are easily handled.

In the drawings the body of the container 1 has secured to it the bottom 2. A top 3 is secured to the body in any desired manner and is provided with a closed cylindrical portion 4, having perforations 5 and segmental slots 6 a short distance from its edge. A disk 7, having perforations 8, is provided with upturned tongues 9. The disk is made to fit within the cylindrical portion, and the

tongues have the curve of and project through the slots 6. After the disk is put in place the tongues are bent down against the top of the cylindrical portion and their corners bent, as shown in Fig. 4. The slots 6 are of such a length that the tongues may move such a distance that the plate 7 will turn from the position shown in Fig. 4, where the solid portion of the top covers the perforations 8, to that where the perforations 6 and 8 register and no farther. It will be noticed that the body of the disk extends beyond the tongues, so that the portions of the slots 6 not occupied by the tongues will be covered by the disk, thus preventing the escape of the contents of the container.

Another form of top or closure is shown in Fig. 6 and consists of the annular top portion 11, having an upturned circular flange 12, over which the flange of the cap 13 fits very tightly. This cap is formed similar to the perforated raised portion 4, described above, as is also the disk 7, having perforations 8 and tongues 9.

As the tongues are bent down onto the surface of the raised portion of the closure, they hold the disk very tightly against the inner face of the closure, thus preventing the escape of any of the material in the container. The corners of the tongues are bent down to avoid the danger of cutting the fingers of the person using the sifter.

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

In a top for containers, a raised portion provided with perforations and segmental slots a short distance from its periphery, in combination with a circular perforated plate adapted to fit within the raised portion and having upturned tongues a short distance from its edge, said tongues being curved to fit said segmental slots and passing through the same being bent downward and outward, projecting beyond the raised portion of the top and adapted to hold the plate tightly against the top.

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

JERVIS R. HARBECK.

Witnesses:

FRANCES T. DISSETTE,
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