A. O. ROBERTS.

CONDIMENT HOLDER.

APPLICATION FILED OCT. 30, 1918.

1,323,101. Patented Nov. 25, 1919.

Fig. 1.

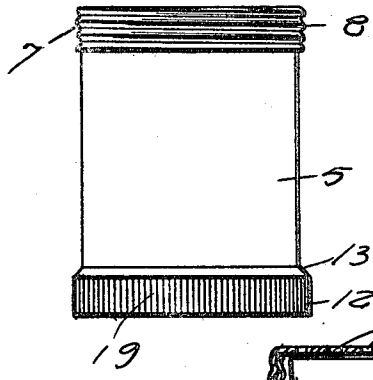


Fig. 2.

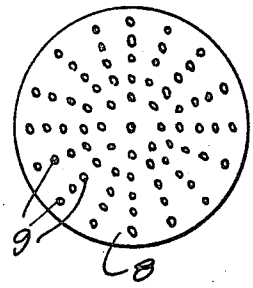


Fig. 3.

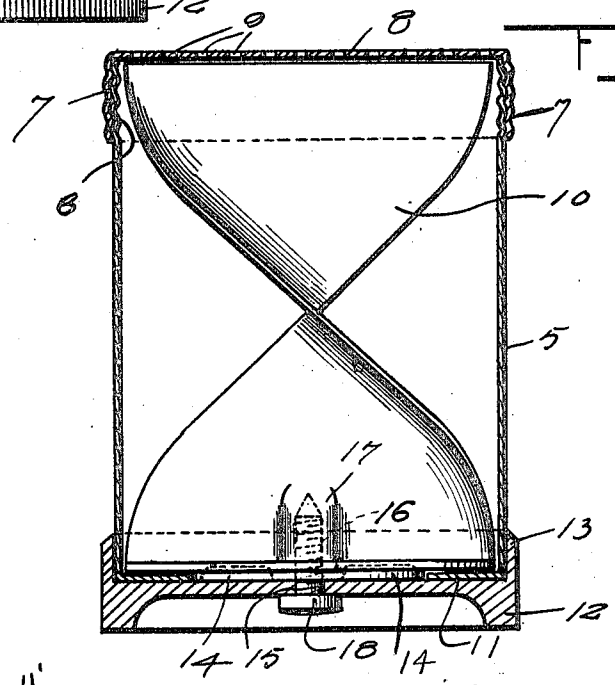
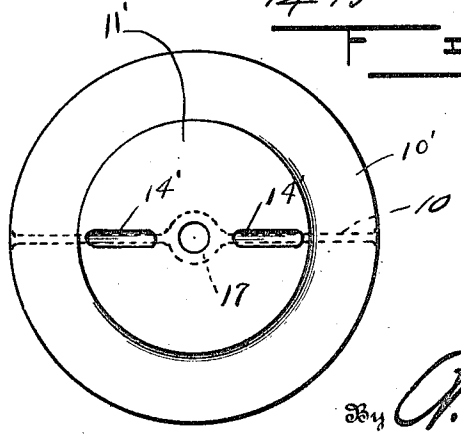


Fig. 4.



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UNITED STATES PATENT OFFICE.

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CONDIMENT-HOLDER.

1,323,101. Specification of Letters Patent. Patented Nov. 25, 1919.

Application filed October 30, 1918. Serial No. 260,320.

To all whom it may concern:

Be it known that I, ALBERT OSBORNE ROBERTS, a citizen of the United States, residing at Newport News, in the county of Warwick and State of Virginia, have invented certain new and useful Improvements in Condiment-Holders; and I do hereby 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.

My invention relates to improvements in condiment holders, having means for conveniently dispensing salt and other granular articles in a uniform flow.

An important object of this invention is to provide a condiment holder of the character described, comprising a cylindrical container having a spiral conveyer arranged therein, said spiral conveyer being adapted to be rotated for the purpose of feeding the salt through the perforated top closure in a highly convenient and expeditious manner.

A further object of the invention is to provide a device of the character described, which is of highly simplified construction, few in parts, cheap to manufacture and desirable in use.

A further object of the invention is to provide a device of the character described, which by virtue of its extreme simplicity and desirability in use, will meet with commercial favor in a highly crowded art.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawing, forming a part of this specification, and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a side elevation of a condiment holder embodied in my invention,

Fig. 2 is a plan view of the same,

Fig. 3 is a central vertical section through the same, and,

Fig. 4 is a bottom plan view of a spiral conveyer supporting disk embodied in the invention.

In the drawing, wherein for the purpose of illustration is shown the preferred embodiment of my invention, the numeral 5 designates a cylindrical container, which in manufacture is preferably of aluminum. The upper portion of the cylindrical container 5 is provided with left hand screw threads 6, engaging a screw threaded annular flange 7, carried by a closure disk or cap 8. The closure cap 8 is provided with apertures 9 adapted for dispensing the salt or other granular articles. As clearly shown in Fig. 3, a spiral conveyer 10 is disposed within the container 5 and extends for its length and width thereof. Secured to the bottom portion of the conveyer 10 is a disk 10′. The disk 10′ is supported within the container 5 upon an annular flange 11, carried by the bottom portion of the container 5. The inner and outer surfaces of the annular flange 11 are ground smooth for a purpose to be hereinafter more fully described. The outer side of the disk 10′ is provided with a reduced extension 11′ disposed between the sides of the annular flange 11, as clearly shown in Fig. 3.

A bottom closure 12 is provided with an annular upstanding flange 13 extending over the side of the container 5. The bottom closure 12 is provided with an axially arranged opening 15, receiving a machine screw 16. As clearly shown in Fig. 3, the screw 16 extends through the disk 10′ and into an enlargement 17, formed in the lower portion of the spiral disk 10 and partakes of threaded engagement therewith. The inner side of the bottom closure 12 is provided with radially disposed alining tongues 14 extending into radially disposed grooves 14′, formed in the reduced extension 11′ of the disk 10′. A head 18 is provided for the screw 16.

The bottom closure 12 is provided with vertically disposed serrations 19 on its outer surface to afford a good grip in rotating the bottom closure.

In assembling my improved condiment holder, it will be apparent that the spiral conveyer 10 is inserted within the container 5 through the top thereof. The bottom closure 12 is now properly positioned to aline the tongues 14 with the grooves 14′, and the screw 16 engaged in the enlargement 17, thus securing the bottom closure 12 to the spiral conveyer. By virtue of the finished inner and outer surface of the annular flange 11, the free rotation of the closure 12 and the spiral conveyer 10 is permitted. In the use of my improved condiment holder, the bottom closure 12 is rotated, thus rotating the spiral conveyer and dispensing the salt or other granular article in a uniform

flow. In dispensing the salt, the natural motion to give the bottom closure 12 would be in a clockwise direction, and thus the necessity of the lefthand screw threads for the cap 8.

While I have shown and described the preferred embodiment of my invention, it is understood that I may make such minor changes in arrangement and construction of parts, as will remain within the spirit of the invention and the scope of the appended claims.

Having thus described my invention, what I claim is:

1. A condiment holder comprising a cylindrical body portion, a perforated top closure for said body portion, said top having threaded connection with said body portion, the screw threads extending in an anti-clockwise direction, a spiral conveyer disposed within the body portion, and a bottom closure having connection with said spiral conveyer and adapted to be rotated in a clockwise direction.

2. A condiment holder comprising a cylindrical container having a perforated top, a spiral conveyer arranged within the cylindrical container, means to retain the conveyer within the cylindrical container, a cylindrical disk connected to the bottom of said conveyer, a bottom closure, and means connecting said bottom closure and said disk whereby upon the rotation of said bottom closure said conveyer is rotated.

3. A device of the character described comprising, a cylindrical container having a perforated top; an annular flange secured to the bottom portion of the container; a disk arranged within the container and contacting with the annular flange; a spiral conveyer arranged within the container and secured to said disk; a bottom closure; and tongues carried by the inner side of said bottom closure and engaging said disk, said bottom closure being adapted to be rotated to rotate said spiral conveyer.

4. A device of the character described comprising, a cylindrical container having a perforated top; an annular flange secured to the bottom portion of said container; a disk arranged within said container and contacting with said annular flange; a spiral conveyer disposed within the container and secured to said disk; a reduced extension secured to the outer side of said disk and disposed between the sides of said annular flange, said reduced extension having radially disposed grooves therein; a bottom closure; tongues carried by the inner side of the bottom closure and extending into said grooves; and a screw extending through said bottom closure and engaging said disk and spiral conveyer; said bottom closure being adapted to be rotated to rotate the spiral conveyer.

In testimony whereof I affix my signature in presence of two witnesses.

ALBERT O. ROBERTS.

Witnesses:
R. W. READ,
W. H. HORNSBY, Jr.