

R. E. ELLIOTT & G. W. COOK, JR.
SUGAR CAN.

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1,029,431.

Patented June 11, 1912.

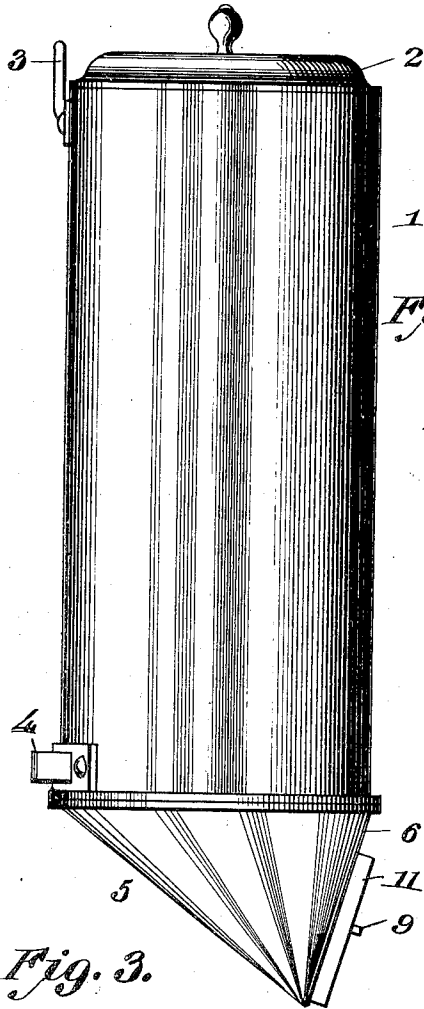


Fig. 1.

Fig. 2.

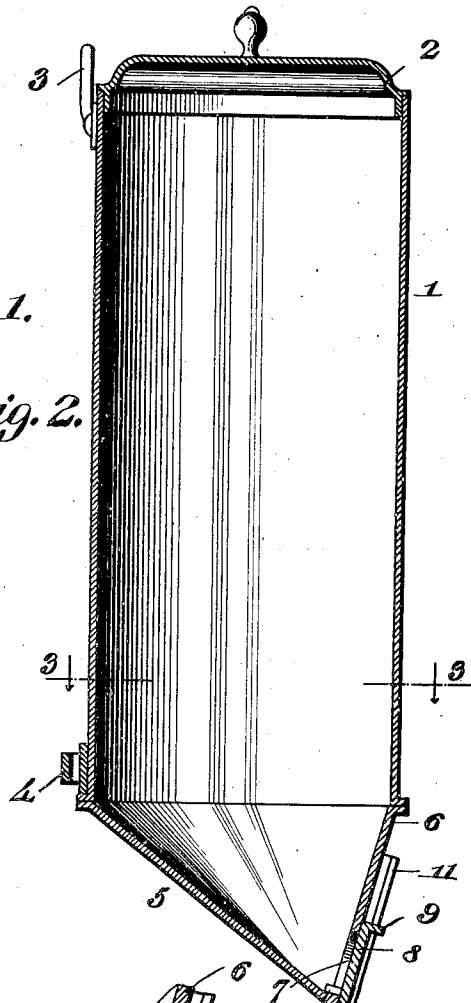


Fig. 3.

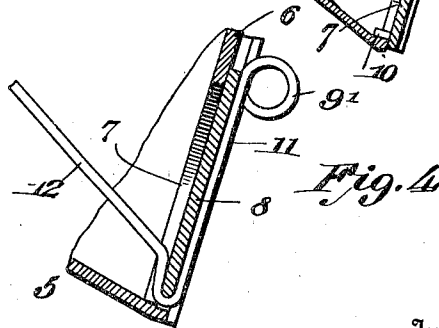
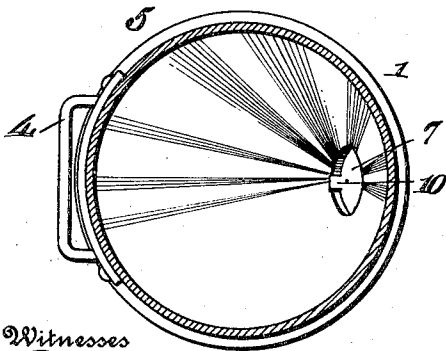


Fig. 4.

Witnesses
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UNITED STATES PATENT OFFICE.

ROBERT E. ELLIOTT AND GEORGE W. COOK, JR., OF BAINBRIDGE, NEW YORK.

SUGAR-CAN.

1,029,431.

Specification of Letters Patent.

Patented June 11, 1912.

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To all whom it may concern:

Be it known that we, ROBERT E. ELLIOTT and GEORGE W. COOK, Jr., citizens of the United States, residing at Bainbridge, in the county of Chenango and State of New York, have invented new and useful Improvements in Sugar-Cans, of which the following is a specification.

This invention relates to certain novel improvements in receptacles for sugar or the like.

In carrying out our invention it is our purpose to provide a container or receptacle for sugar or the like, which may be readily suspended upon a wall in close proximity with the person using the contents of the receptacle and furthermore to provide the receptacle with a door positioned at its lower end, the said door being provided with means for agitating the contents of the receptacle when the door is opened. Heretofore in the structure of such containers the contents have been generally removed from the top of the said receptacle or when the article is designed for household use a cabinet is provided which is formed with one or more doors.

In removing the contents from the receptacle, as above described, a scoop or cup is required. Particles of the sugar or the like generally adhere to the sides of the scoop, and the said adhering particles generally become detached as the scoop is moved to deliver the contents to the pan or the like, thus particles of the sugar are scattered over the floor. Again, in some instances, the scoop is filled to overflowing, and in moving the said scoop, the overflowing sugar will drop therefrom upon the floor.

It is our object to remedy these objections as well as to provide a receptacle, preferably comprising a cylindrical member having its upper portion formed with an eye which may be readily attached to a nail or the like, its lower and back portion being formed with a strip which will contact with the wall so as to effectually sustain the container against lateral movement.

We also aim to provide a container for the purpose set forth having a cone-shaped bottom terminating in a substantially flattened face, the said flattened face being provided with an outlet opening and being further provided with ways for the reception of a sliding door, the said door being provided with an agitator, whereby the contents of

the receptacle are stirred when the door is opened to permit of the ready outflow of the contents, the door being also of a sufficient weight to close by gravity when released.

With the above recited and other objects of a similar nature in view, the invention consists in the construction, combination and arrangement of parts set forth in and falling within the scope of the appended claim.

In the accompanying drawings, Figure 1 is a side elevation of a receptacle constructed in accordance with the present invention. Fig. 2 is a vertical longitudinal sectional view of the same. Fig. 3 is a horizontal sectional view taken upon the line 3—3 of Fig. 2. Fig. 4 is a detail longitudinal section of a modification.

Referring now to the drawings in detail the numeral 1 designates the receptacle which preferably comprises a cylinder constructed of any desired material and of a desired size. The receptacle 1 is provided with an open top which is normally closed through the medium of a flanged cap 2. The flange of the said cap is adapted to tightly engage with an inner face of the receptacle so as to provide a moisture as well as an air tight joint. The receptacle 1 adjacent the top thereof is provided with an eye 3. This eye projects slightly above the top of the receptacle and is adapted to receive a nail, screw or the like, from which the receptacle is suspended. The eye 3 is positioned upon the rear face of the receptacle 1 and the said rear face adjacent the bottom thereof is further provided with a substantially rectangular strip 4, the latter having its opposite ends offset and connected with the sides of the receptacle. The strip 4 is adapted to serve as a bearing surface and to contact with the wall, upon which the receptacle is positioned and the said strip is designed to prevent the lateral movement of the receptacle.

The numeral 5 designates the bottom of the receptacle. This bottom is of a cone-shaped formation inclined from the rear portion toward the front of the receptacle and the front of the bottom is substantially straight as designated by the numeral 6. The straight face 6 at its juncture with the cone shaped portion 5 is formed with an opening 7, the latter adapted to serve as an outlet for the contents of the receptacle, and the said opening is normally closed through the medium of a sliding door 8.

This door 8 comprises a flattened member having its upper portion formed with a finger hold 9 and its lower portion formed with a suitable lip 10 which engages with the lower wall of the bottom to limit the downward movement or the closing of the door. The gravity door 8 is mounted in ways 11 which are provided upon the flattened face of the bottom and the said door is further provided with an agitator 12. This agitator may, if desired, be constructed of a single strip of wire or the like and the said strip may pass through a suitable opening in the bottom of the door proper and be secured to the front of the door as well as to have its upper extremity bent upon itself to provide a finger hold 9' as illustrated in Fig. 4 of the drawings.

Having thus fully described the invention what is claimed as new is:

A receptacle of the class set forth having

its bottom inclined downwardly from its rear to its front and the front portion thereof being substantially straight, the straightened and inclined portions of the bottom being provided at their juncture with an inclined opening, the straight portion of the bottom being provided with ways, a gravity door slidably mounted within the ways, a wire member comprising an agitator secured to the door and projecting within the receptacle, said wire member being extended upon the outer face of the door and having its upper extremity bent to provide a finger hold.

In testimony whereof we affix our signatures in presence of two witnesses.

ROBERT E. ELLIOTT.
GEORGE W. COOK, JR.

Witnesses:

HUGH E. COLLINS,
HOWARD APPLEY.