(No Model.)

J. H. BROWN.

SUGAR BOWL.

No. 245,125. Patented Aug. 2, 1881.

Fig. 1.

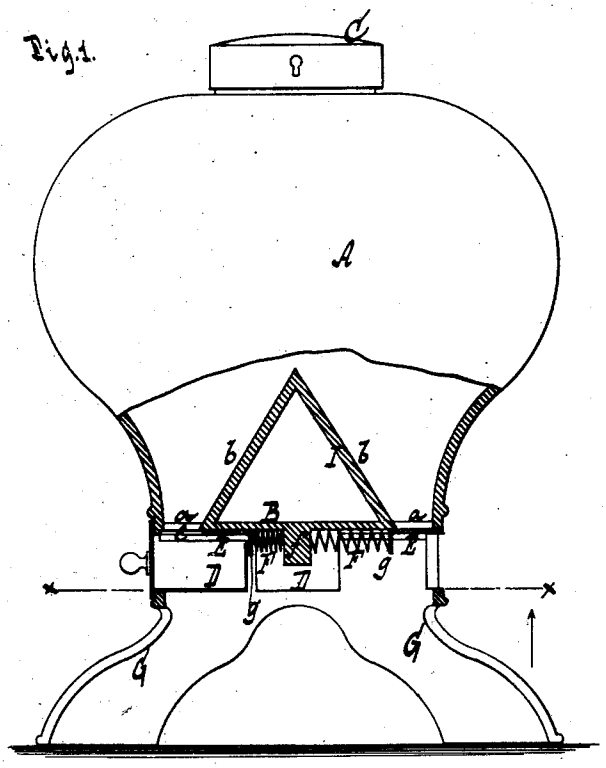
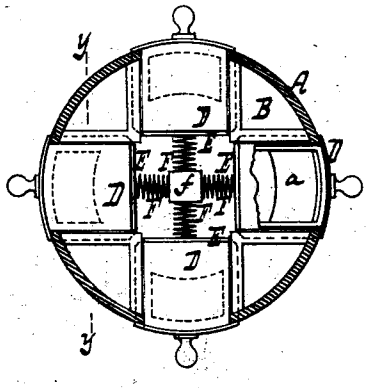
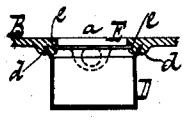


Fig. 2.



Witnesses
Otto Hufeland
William Miller

Fig. 3.



Inventor
John H. Brown
by Van Santvoord & Hauff
his attys.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JOHN H. BROWN, OF NEW YORK, N. Y.

SUGAR-BOWL.

SPECIFICATION forming part of Letters Patent No. 245,125, dated August 2, 1881.

Application filed May 2, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. BROWN, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Bowls for Sugar and other Materials, of which the following is a specification.

This invention consists in a bowl which is provided with a close cover, one or more openings in its bottom, an incline leading to each opening, a drawer fitted beneath each opening, and spring-impelled gates, one for each opening, so that when the drawer is inserted the appropriate gate is forced back and the drawer becomes filled with sugar, and when the drawer is withdrawn the opening belonging to said drawer is automatically closed by the appropriate gate.

This invention is illustrated in the accompanying drawings, in which Figure 1 represents a sectional side view of my bowl. Fig. 2 is a horizontal section in the plane indicated by the line *x x*, Fig. 1, and looking in the direction opposite to said arrow. Fig. 3 is a transverse section in the plane *y y*, Fig. 2.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates a bowl, which may be made in the form shown or in any other suitable form or shape. It is provided with a closely-fitting cover, C, which may be secured in position by any suitable means, and which is provided with a lock and key, so that it cannot be opened except by the person authorized to do so.

In the bottom B of my bowl are one or more openings, *a a*, (four being shown in the drawings,) and from the center of the bottom rises a conical projection, *f*, which forms inclines *b*, leading to the openings *a a*. Beneath each of the openings *a* is placed a drawer, D, the sides of which are provided with flaring flanges *d d*, Fig. 3, which engage with guide-grooves formed in the under surface of the bottom B, so that when the drawer is inserted into its guide-grooves the granulated or powdered material contained in the bowl A can pass through the opening *a* into the drawer without being able to pass into said guide-grooves. With the drawer D is combined a gate, E, which slides in guide-grooves *e e* beneath the openings *a*, (see Figs. 1 and 3,) and which is exposed to the action of a spring, F, so that when the drawer is withdrawn the gate follows said drawer and closes the opening *a*. In Fig. 1 I have shown a drawer beneath the opening in one side of the bottom, while the drawer on the opposite side is withdrawn and the opening closed by the gate. When several drawers are used (see Fig. 2) the springs F bear at their inner ends against a projection, *f*, extending from the lower surface of the bottom B, and at their outer ends against flanges *g*, formed on the inner ends of the gates.

The bowl A is supported on legs G, which may be made in any suitable form or shape, and formed in one piece with the bowl, or attached to the same by any suitable means.

When the bowl is filled with a granulated or powdered material, such as granulated or powdered sugar, and all the drawers are inserted into their guide-grooves, the material contained in the bowl will pass through the openings *a* into the drawers; and if a portion of the material is to be used, one of the drawers is withdrawn and the contents thereof supply the want; or, if one drawer is not sufficient, two or more drawers may be withdrawn, or the same drawer may be reinserted and again withdrawn until the requisite quantity is obtained.

My invention is of particular advantage for sugar-bowls, since it protects the sugar against flies and does not allow any person to insert into the sugar contained in the bowl a spoon soiled with coffee or other substance. A person desiring to sweeten his coffee can get the needed supply by drawing out one of the drawers and emptying the contents thereof in the coffee.

What I claim as new, and desire to secure by Letters Patent, is—

The combination, substantially as hereinbefore described, of the bowl, the close cover, the bottom, the opening *a* (one or more) in the bottom, the incline leading to the opening or openings, the drawer placed beneath each opening, and the spring-impelled gate for each drawer.

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

JOHN H. BROWN. [L. S.]

Witnesses:
W. HAUFF,
E. F. KASTENHUBER.