H. T. SYKES.

CONDIMENT DREDGE.

APPLICATION FILED NOV. 9, 1916.

1,246,489.

Patented Nov. 13, 1917.

2 SHEETS—SHEET 1.

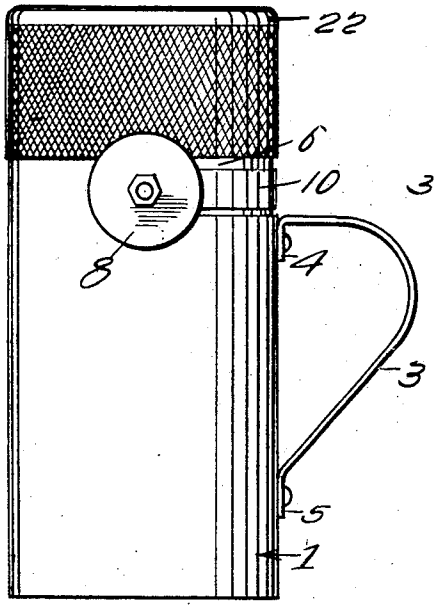



Fig. 1.

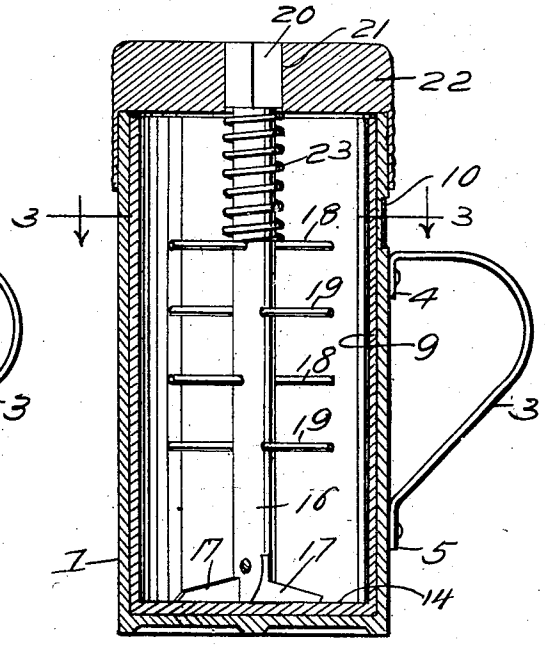



Fig. 2.

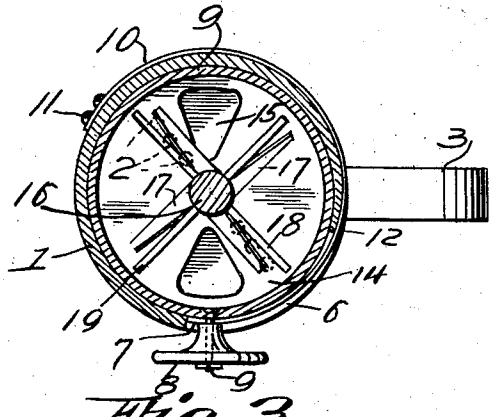



Fig. 3.

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2 SHEETS—SHEET 2.

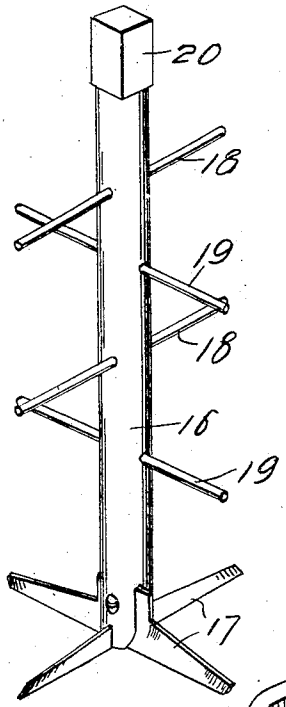



Fig. 4.

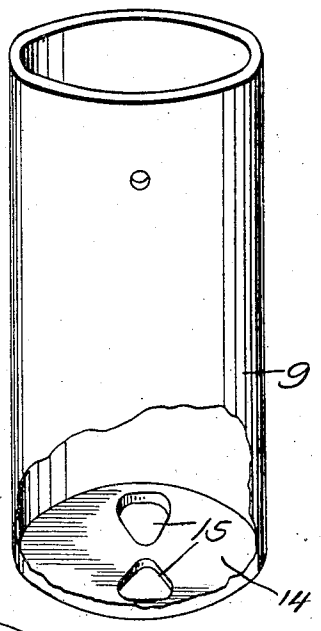



Fig. 5.

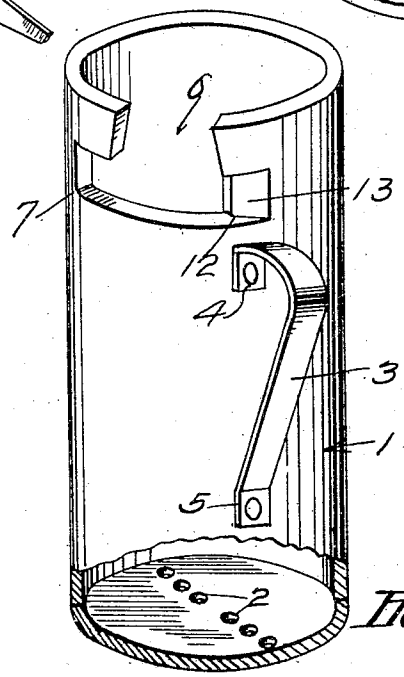



Fig. 6.

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# UNITED STATES PATENT OFFICE.

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## CONDIMENT-DREDGE.

1,246,489. Specification of Letters Patent. Patented Nov. 13, 1917.

Application filed November 9, 1916. Serial No. 130,355.

*To all whom it may concern:*

Be it known that I, HENRY T. SYKES, a citizen of the United States, residing at New London, in the county of Ralls and State of Missouri, have invented certain useful Improvements in Condiment-Dredges, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to condiment dredges, and is particularly adapted for use as a salt or pepper shaker.

One of the objects of the invention is to provide a container in which a suitable condiment may be received and which normally will be sealed against attack by the atmosphere but which will be accessible upon demand.

It is also the object of my invention to provide means whereby the liability of the condiment becoming solidified or lumpy due to climatic conditions will be avoided.

It is also the object of my invention to provide openings through which the condiment may pass and which may be covered or uncovered in an easy manner by the operator.

Other objects and advantages of the invention will appear hereinafter, it being understood that changes in form, proportion and minor details of construction may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

In the drawings:

Figure 1 is a side elevational view of the device complete;

Fig. 2 is a vertical longitudinal sectional view through the same;

Fig. 3 is a cross sectional view on the line 3—3 of Fig. 2;

Fig. 4 is a detail view of the lump preventing device;

Fig. 5 is a detail view of the inner receptacle or condiment container;

Fig. 6 is a detail view of the outer casing or valve.

Referring now to the drawings by numerals of reference, 1 designates an outer casing or valve open at one end and closed at the other end, except for a plurality of exit openings 2. The outer receptacle is provided with a handle 3 having a laterally extending projection 4 at the top thereof which may be fastened to the receptacle 1 in any well known manner, the lower end 5 also receiving a fastening device, such as a screw.

Near the upper open end of the receptacle 1 is a cut-out portion 6, one edge of which is provided with a notch 7 to normally receive a button or actuator 8 riveted or otherwise secured to the container 9 sleeved within the said receptacle 1 and held against accidental displacement by means of a leaf spring 10, one end of which is secured to the receptacle 9 at the point of connection of the button 8, and the other end of which is secured to the outer receptacle 1 as at 11. Opposite the notch 7 is a similar notch 12 in the receptacle 1, the edge being slightly chamfered or beveled, as at 13. The closed end 14 of the receptacle 9 is provided with valve openings 15 normally closed by the closed end of the receptacle 1, but these openings 15 are adapted to be brought into register with the openings 2 through the medium of the actuator or button 8, as will be presently specified.

Within the receptacle 9 is a lump-preventing device consisting of a standard 16 provided at the bottom with right angularly disposed spurs or feet 17 received within slits in the bottom of the standard, and said standard is provided with sets 18 and 19 of outwardly projecting fingers or spurs, the sets 18 and 19 being alternately arranged at right angles to one another.

The upper end of the standard 16 is provided with an angular portion or head 20 to be received within the angular socket 21 of the cover 22 which fits over the open end of the receptacle 1 and thereby closes the open end of the container 2. The spring 23 surrounding the standard 16 has one end bearing against a spring seat, in the present instance shown as the projections 18. The other end is adapted to be seated against the bottom of the cap or cover 22 so that the expansive tendency of the spring when under compression will be effective in maintaining the bottom of the standard in intimate contact with the closed end of the receptacle 9.

When the parts are assembled, as shown in Figs. 1 and 2, and the condiment is contained within the receptacle 9, the entire contents will be protected against deterioration due to atmospheric conditions because the openings 2 and 15 will be out of alinement. If, however, it is desired to use the device as a dredge the handle 3 may be

grasped and by utilizing the thumb to draw the button or actuator 8 from left to right a partial rotative movement will be imparted to the inner receptacle 9 against the action of the spring 10. When the actuator has been moved substantially the entire width of the cut-out portion 6, the openings 15 will be in register with the openings 2, whereupon the contents of the receptacle 9 may be removed by shaking.

As soon as pressure is released upon the actuator or button 8 the spring 10 will immediately rotate the receptacle 9 to its normal position, which will be a closing position, so that the contents of the receptacle 9 may not be removed. Inasmuch as the cover 22 fits over the outer receptacle which is non-rotatable, and to which the standard 16 is rigidly held, it will be apparent that a rotation of the receptacle 9 in either direction will be effective in rotating the body of the condiment about the standard so that the material must pass between the spurs or fingers so that any adhering particles will be separated each time the receptacle 9 is given a partial rotation and any lumps forming within the receptacle 9 will be broken up.

Having thus described my invention, I claim:

1. In a device of the kind described, in combination an outer casing, an inner casing rotatably mounted in the outer casing, said outer casing being formed with an arcuate slot, a handle secured to said outer casing, an actuating button having a shank secured to said inner casing so as to move between the ends of said slot, an agitator secured in and adapted to be secured unrotatably to the outer casing, and a flat spring secured around said outer casing and having its free end portion projecting into said slot, and curved around so as to engage the curved wall of said inner casing and so as to bear with its extremity against one edge of said slot, said shank projecting through said spring, said button adapted to press said spring out of contact with the outer casing so as to rotate the inner casing.

2. In a device of the class described, in combination an outer casing, an inner casing rotatably mounted therein, a cover fixedly secured to said outer casing, the bottom of the outer casing having a diametrical series of openings while the bottom of said inner casing is formed with opposing slots, a standard removably secured at its upper end to said cover, a series of angularly-disposed scraping spurs secured at the bottom of said inner casing, a series of outwardly-projecting fingers secured on said standard and a spring coiled around the upper end of said standard and bearing at one end against said cover and at its opposite end against the uppermost finger to force said spurs in engagement with the bottom of the inner casing, means for rotating said inner casing and a depressible spring adapted to engage said inner casing so as to hold its opening out of register with said slots.

In testimony whereof I affix my signature.

HENRY T. SYKES.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."