W. J. RUST.

COVER FOR RECEPTACLES.

APPLICATION FILED MAY 29, 1914.

1,141,832. Patented June 1, 1915.

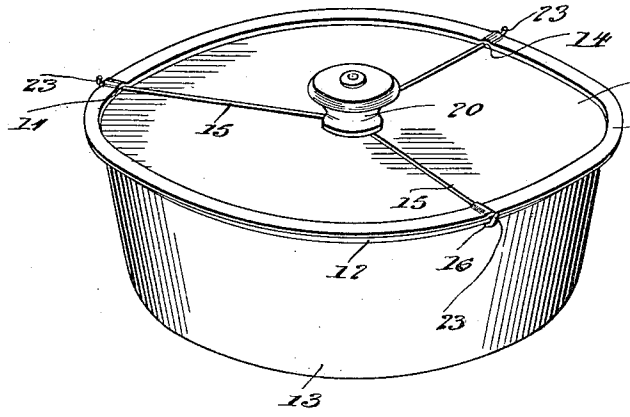


Fig. 1.

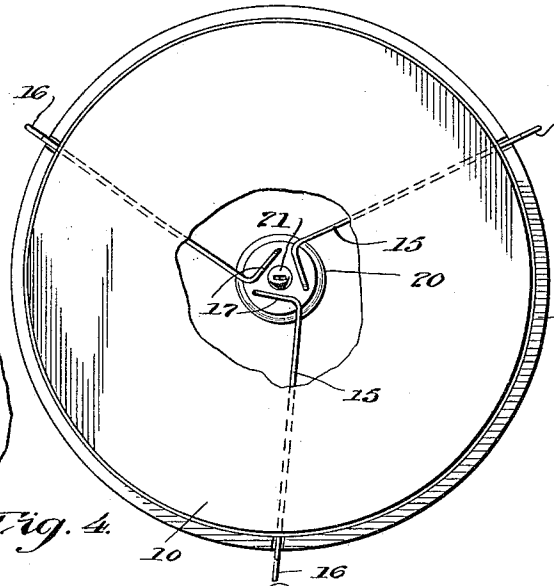


Fig. 2.

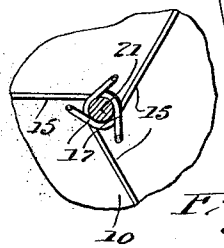


Fig. 4.

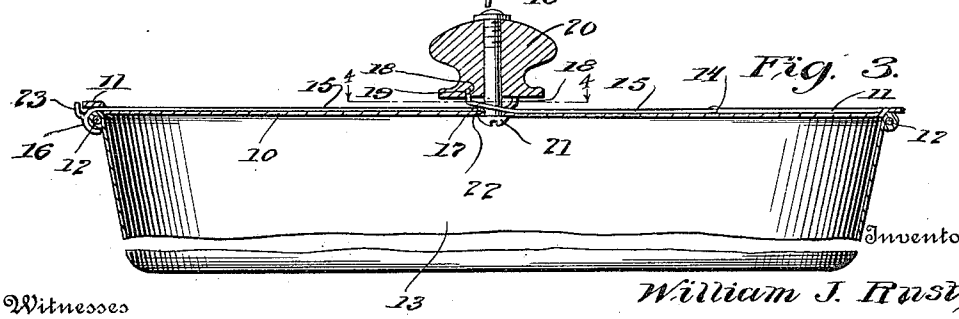


Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

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COVER FOR RECEPTACLES.

1,141,832. Specification of Letters Patent. Patented June 1, 1915.

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To all whom it may concern:

Be it known that I, WILLIAM J. RUST, a citizen of the United States, residing at Sollitt, in the county of Kankakee and State of Illinois, have invented new and useful Improvements in Covers for Receptacles, of which the following is a specification.

An object of the invention is to provide a cover for receptacles, and which is particularly adaptable for use in connection with cooking pots and pans, whereby the cover can be readily secured to the pot, pan or other receptacle to be held in locked relation thereto and as easily removed therefrom.

The invention embodies, among other features, the provision of a preferably disk-like cover member adapted to be placed upon a pot, pan or other receptacle and which carries a handle or knob revoluble on the disk-like member to move means into or out of engagement with the pot, pan or other receptacle in order to secure the disk-like cover in locked relation to the pot, pan or other receptacle and as easily remove the same therefrom.

In the further disclosure of the invention reference is to be had to the accompanying drawings, constituting a part of this specification, in which similar characters of reference denote corresponding parts in all the views, and in which:

Figure 1 is a perspective view of the cover, showing the same in applied position; Fig. 2 is a bottom plan view of the cover removed from a receptacle; Fig. 3 is a vertical transverse sectional view taken through the cover and receptacle when the cover is applied thereto; and Fig. 4 is a horizontal sectional view taken on the line 4—4 in Fig. 3.

Referring more particularly to the views, I provide a disk-like member 10 which is preferably made of metal and which includes an annular horizontal flange 11 preferably struck from the body of the disk-like member to lie in offset relation to its horizontal plane, said flange 11 being adapted to project over the usual bead or out-turned portion 12 of a pot, pan or other receptacle 13.

At the point of offsetting the annular flange 11 from the body of the disk-like member 10 there are provided a plurality of openings 14, through which slidably pass spring-like wire locking members 15 terminating in hooks 16 adapted to grip the bead or out-turned portion 12 of the receptacle 13. The inner ends of the locking members 15 include integral bent portions 17 terminating in upwardly extending arms 18 loosely arranged in vertical openings 19 formed in the under side of a knob 20 and which knob is swiveled upon the disk-like member 10 by a suitable screw 21 passing through an opening 22 in the central portion of the disk-like member and having its inner end extending into the knob.

In the use of the device described it will be apparent that when the knob 20 is rotated in one direction the locking members 15 will be extended so that the hook 16 will project beyond the annular edge of the flange 11, thus permitting of applying the disk-like member 10 to the receptacle 13. The knob is now rotated in the other direction, thus tightening up on the locking members 15 and causing the hooks 16 to engage the bead 12 of the receptacle and lock the disk-like cover or member thereto, the points of pivotal engagement of the inner ends of the locking members with the knob being eccentric to the swivel connection of the knob with the disk-like member upon which the locking members are mounted in order to accomplish the desired result.

It will be apparent that when the knob is rotated the locking members will operate simultaneously and by providing the locking members with slightly offset heads or upwardly bent portions 23 adjacent the inner ends of the hooks 16 of the locking members, it will be apparent that the inward movement of the locking members will be limited by the said heads 23 engaging the annular edge of the flange 11 so that the locking members cannot be moved out of the openings 14 in the disk-like member, but will be always retained in operative position to be actuated upon turning the knob.

By providing the bent portions 17 at the inner ends of the locking members it will be apparent that the spring-like nature of the wire or other material from which the locking members are made will normally hold the knob against accidental rotation when the locking members are in extended position, whereas when the knob has been turned to move the locking members into engagement with the receptacle the curvature of the bent portions of the locking members will act as a spring lock and will

partially encircle the screw 21 supporting the knob to hold the knob against accidental rotation when the free ends of the locking members engage the receptacle to lock the cover or disk-like member thereon.

Having thus described my invention, I claim:

A cover for receptacles having a handle revoluble thereon, diametrically extending wire-like locking members projecting across the cover and having their free ends bent to engage the periphery of the receptacle and lock the cover thereto, lateral projections formed by bending the inner ends of said locking members laterally, with said lateral projections resilient and pivoted to the under side of the handle whereby when the handle is rotated a pull will be exerted on said locking members, and a bolt revolubly supporting the handle upon the cover, with the resilient lateral extensions of the locking members connecting with the under side of the handle adapted to curve around the bolt upon operating said handle.

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

WILLIAM J. RUST.

Witnesses:
HERMAN SCHROEDER,
CASS J. HAYDEN.

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