W. C. MORRILL.

COVER LOOK.

APPLICATION FILED SEPT. 16, 1908.

917,786. Patented Apr. 13, 1909.

Fig. 1.

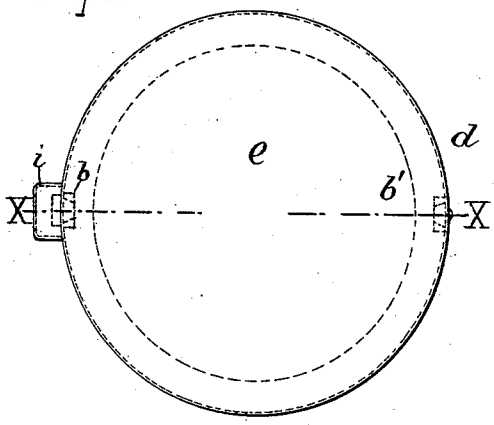


Fig. 2.

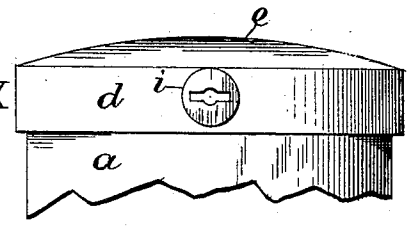


Fig. 3.

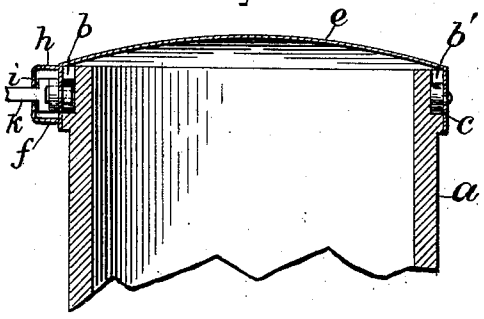


Fig. 4.

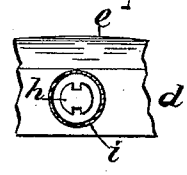
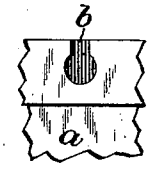


Fig. 5.



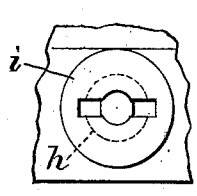


Fig. 6.

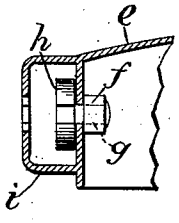


Fig. 7.

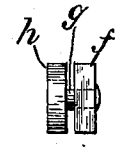


Fig. 8.

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COVER-LOCK.

No. 917,786. Specification of Letters Patent. Patented April 13, 1909.

Application filed September 15, 1908. Serial No. 453,182.

To all whom it may concern:

Be it known that I, WILLIAM C. MORRILL, a citizen of the United States, and a resident of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Cover-Locks, of which the following is a specification.

The invention relates to a lock adapted to be connected with a hinged or removable lid or cover of a receptacle, of which a full, clear, and exact description will be given hereinafter.

The invention consists of a combination of a receptacle having one or more depressions or perforations made on a portion of its exterior surface near its mouth or end, and a lid or cover provided with mechanical contrivances adapted to engage with the depressions aforesaid, thereby forming a lock, all of which will be fully described and pointed out in the claims hereinafter.

In the drawings, Figure 1 is a plan of the removable lid or cover. Fig. 2 is a front elevation of the lid or cover mounted upon the receptacle. In this view is shown the cap covering the lock, and the keyhole therein. Fig. 3 is a vertical section of Fig. 1 taken on the line *x*. *x*. and also shows the operative part of the key inserted in the lock. Fig. 4 is a view with the cap covering the lock removed, showing the key seat. In this view a part only of the lid or cover is shown. Fig. 5 represents a portion of the receptacle in which is shown one of the depressions and the form adapted in this particular case. Fig. 6 is a portion of the cover showing the cap with key hole covering the lock. Fig. 7 is a vertical section taken through the cap covering the lock, and shows the rotatable bolt mounted upon the rim. Fig. 8 is a side view of the rotatable bolt and key seat only.

Similar letters refer to similar parts throughout the drawings, in which is shown the receptacle *a* provided with the depressions *b* and *b'*. These depressions *b* and *b'* consist of grooves open at the top and terminating in enlarged recesses. The recesses are preferably made circular in shape although any form may be used. The enlarged portions of the aforesaid depressions are adapted to receive the projection *c* which may be integral or otherwise connected with the depending annular rim *d* of the lid *e*. The projection *c* is made so as to enter and almost fill up the recess and is also made so large that it cannot enter the groove which opens into the aforesaid recess. The enlarged portions of the depressions *b* and *b'* are also adapted to receive the rotatable bolt *f*, the latter of which is mounted upon the inner end of the rotatable stem *g* and at right angles to it. The other end of the rotatable stem *g* is fixedly secured to a rotatable key seat disk *h*. The bolt *f* is rectangular in section, the smaller side being a little smaller in size than the width of the groove, and the larger side a little larger than the width of the groove, and a little smaller than the diameter of the circular recess. The rotatable bolt *f* and its key seat *h* are mounted closely together upon opposite sides of the rim *d* so that the curvature of the rim acts as a spring and keeps the lock in any desired fixed position. Over the key seat disk *h* is placed the cap or nipple *i*, provided with a key hole.

Mode of operation: When the receptacle, which in this case is made of glass and is used as a holder for liquid soap, shall have been filled, the lid *e* will be first placed so that the projection *c* is within the circular recess of either the depressions *b* or *b'*. The rotatable bolt *f* will then be turned so that its long side lies lengthwise of the groove of the other depression. Then as the lid *e* is swung downward upon the receptacle from the projection *c* as a fulcrum, the bolt *f* will enter and travel through the upper groove of the depression into the circular recess. The inner diameter of the lid is made a little larger than the outer diameter of the receptacle so as to permit this operation. When the cover *e* has come to rest the bolt *f* is turned at right angles to its direction of entrance within the circular recess by means of the key *k*, which enters the cap *i* by means of the key hole and operates the key seat *h*. Then the key is removed and the lid *e* will have become locked to the receptacle.

As both the projection *c* and the bolt *f* are made so deep as not to be sprung sidewise over the side of the receptacle, and as both the projection and the longer side of the bolt are made so as to lie across the enlarged circular recess and are larger than the width of the grooves of the depressions, it is obvious that the cover *e* cannot be removed except by inserting the key and turning the bolt so that it will lie lengthwise of

the groove and travel up through it, as the cover *e* is swung upward on the projection *c* as a fulcrum.

Having thus described my invention what I claim as new and desire to secure by Letters Patent, is

1. In a lock for receptacles, the combination, consisting of a receptacle provided with a groove open at the top and terminating in an enlarged recess, and a cover provided with a rotatable bolt adapted to enter through the aforesaid groove into the aforesaid recess and form a lock therewith.

2. In a lock for receptacles, the combination, consisting of a receptacle provided with depressions, a lid provided with a projection adapted to engage with one of the aforesaid depressions, and a bolt connected to the lid and adapted to lock with a second depression.

Signed at New York city in the county of New York and State of New York this 12th day of September A. D. 1908.

WILLIAM C. MORRILL.

Witnesses:
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