

(No Model.)

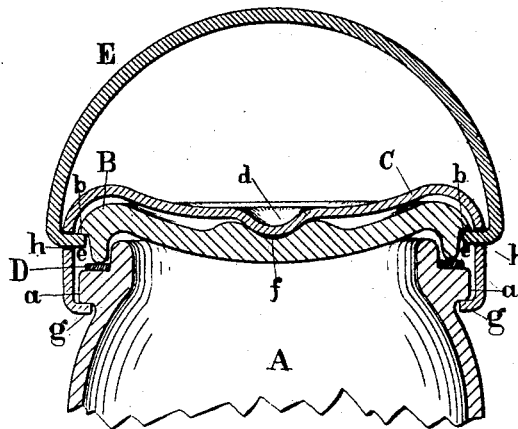
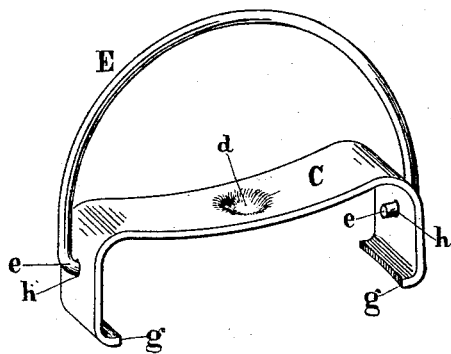
P. K. REEVES.
COVER FOR JARS.

No. 348,588.

Patented Sept. 7, 1886.

FIG. 2.

FIG. 1.



WITNESSES:

Henry A. Janover
Chas. A. Berry

INVENTOR

P. Kennedy Reeves

UNITED STATES PATENT OFFICE.

P. KENNEDY REEVES, OF BRIDGETON, NEW JERSEY.

COVER FOR JARS.

SPECIFICATION forming part of Letters Patent No. 348,588, dated September 7, 1886.

Application filed April 7, 1886. Serial No. 193,057. (No model.)

To all whom it may concern:

Be it known that I, P. KENNEDY REEVES, a citizen of the United States, residing at Bridgeton, in the county of Cumberland and State of New Jersey, have invented a new and useful Cover for a Jar or Can, of which the following is a specification.

My invention relates to improvements in covers for jars or cans, and particularly to that class of fruit-jars which have inclines on their necks.

The objects of my improvements are, first, to provide a durable, effective, and inexpensive can or jar cover, the component parts of which are few in number and easily united.

A further object is to afford facilities for sealing and opening jars or cans which have inclines on their necks, by providing means to assist the hands or fingers of the operator in rotating the clamp which fastens the lid to the jar or can.

A further object is to provide facilities for carrying jars or cans.

I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my clamping device, and Fig. 2 is a sectional view of the upper part of a jar with lid clamped thereon by said device.

Similar letters refer to similar parts throughout the several views.

The jar A has inclines *a a* on its neck, and a rubber gasket, D, rests on a shoulder at the top of the jar in the usual well-known manner. An air-tight joint is formed by the pressure upon the gasket of the rim of the lid B, the outer edge, *b b*, of which overhangs, forming a shoulder. The top of the lid has a depressed surface, at the central point of which is a smooth pivotal recess, *f*. The clamp C is provided with a centrally-depressed portion, *d*, the bottom of which corresponds to and bears in the central recess, *f*, in top of lid, enabling the clamp to rotate pivotally upon the lid while preventing lateral motion of the clamp. The ends of the clamp are bent down, and lips *g g*, at the extremities of the clamp, turned inwardly, so as to bear under the inclines *a a* on the neck of the jar. The clamp

is secured to the lid by the ends *e e* of the bail E, projecting through perforations *h h* in the downturned ends of the clamp C.

The clamp C is made of sheet metal, preferably of a low grade of steel, which contains sufficient tenacity to enable its being cut and formed into the proper shape. The lid and jar are usually made of glass, although they can be made of other material. The bail E is composed of spring-wire, the ends *e e* being forced apart until they will enter the perforations *h h* in the clamp C, when the bail will spring into its former shape.

The process of securing the lid to the clamp is exceedingly simple, being merely to place the clamp on the lid with the depression on the clamp over the corresponding pivotal recess or seat in the lid and press them together, when the projections *e e*, Figs. 1 and 2, will spring down under the overhanging edge *b b*. It will be noticed that while the rounded surface of the lid, immediately above the shoulders *b b*, makes it an easy matter for the manufacturer to spring the clamp down over the lid, the removing the clamp from the lid is comparatively difficult, thereby tending to keep the parts together, and diminishing the danger of losing the individual pieces. The action of the cover as a whole is also obvious, it being only necessary to place the cover on the top of the jar and to enter the lips *g g* of the clamp C under the inclines *a a*. The clamp is then rotated by the fingers, the lid remaining stationary, until sufficient pressure is produced on the lid. The bearing of the clamp on the lid at *f* being pivotal the friction of the clamp on the lid is reduced to a minimum.

I am aware that prior to my invention fruit-jars have been made with inclines on their necks and with lids on which are pivoted clamps having lips on their downturned ends for bearing under said inclines. These features are consequently claimed only in combination with the new features as described.

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

1. The combination of a lid on which is pivoted a clamp or yoke and a bail having ends *e e*, bent inwardly through perforations in the

clamp or yoke, said ends hooking under the edge of the lid to secure the clamp or yoke thereto, substantially as set forth.

2. The combination, with a jar or can having inclines on its neck, of a clamp or yoke having perforated downturned ends bent inwardly so as to bear under said inclines, a lid on which is pivoted said clamp or yoke, and a bail having ends bent inwardly through per-

forations in the clamp or yoke, said bail ends hooking under the overhanging edge of the lid to secure the clamp or yoke thereto, all substantially as set forth.

P. KENNEDY REEVES.

Witnesses:

PHILIP BURCH, Jr.,

HARRY C. WARE.