This invention relates to a locking means for containers and has for the primary object the provision of a device of the above stated character which will efficiently seal the cover to the container and provide to the container a carrying medium which when placed in one position will permit easy and quick application and removal of the cover from the container and when placed in a second position will draw the cover into tight engagement with said container to effect the seal.

With these and other objects in view this invention consists in certain novel features of construction, combination and arrangement of parts to be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawing, in which

Figure 1 is a fragmentary side elevation partly in section illustrating a container with a cover sealed thereto by a locking means constructed in accordance with my invention.

Figure 2 is an end view illustrating the container.

Figure 3 is a fragmentary side elevation showing one of the cam shaped flanges on the neck of the container.

Figure 4 is a side elevation illustrating the cover.

Figure 5 is a bottom plan view illustrating the cover.

Figure 6 is a fragmentary side elevation partly in section showing the carrying medium of the container positioned for locking the cover to the container.

Figure 7 is a similar view showing the carrying medium positioned to free the cover so that the latter may be turned off of the container.

Figure 8 is a fragmentary view partly in section showing the means for retaining the carrying medium in a position to lock the cover to the container.

Figure 9 is a fragmentary sectional view showing the cover locked to the neck of the container with a gasket between said cover and the neck of the container.

Referring in detail to the drawing, the numeral 1 indicates a container constructed of any material suitable for the purpose and has a neck 2 provided at its mouth with an internal flange 3, the wall of which is beveled, as shown in Figure 1. Arcuately curved flanges 4 are formed on the exterior of the neck 2 and have their ends relatively spaced to form entrances 5 for locking means which will be hereinafter more fully described.

The under faces of the flanges 4 are arcuately curved to form cam surfaces 6.

The neck 2 has a flange 7 integral therewith for the purpose of forcing a gasket 8 into a groove 9 of a cover 10 when the latter is applied to the neck. The cover 10 carries a depending flange 11 adapted to extend into the neck on the application of the cover to the neck and has a beveled face to cooperate with the beveled face of the flange 7 in gripping the gaskets 8 and thereby provide an effective seal between the cover and the neck of the container.

Ears 12 are integral with opposite sides of the cover and depend from the latter and are apertured to receive ends 13 of a bail or handle 15 for the purpose of pivotally connecting the bail or handle to the cover. The ends 13 of the bail or handle extend inwardly beyond the ears and are shaped to form cam elements 14 having high and low faces. In applying the cover to the neck 2 of the container, the cam elements 14 pass through the entrances 5 and the cover is turned relative to the neck with the cam elements underlying the cam faces 6 of the flanges 4. During this operation, the bail 15 is swung downwardly, as shown in Figure 4, so as to dispose the lower faces of the cam elements 14 opposite to the cam faces 6 of the flanges 4. The bail or handle is then swung into vertical position bringing the high faces of the cam elements into engagement with the cam faces of the flanges 4 drawing the cover tightly to the neck and wedging the gasket between the flanges 3 and 4 thereby effectively sealing the cover to the container. The bail or handle when positioned vertically besides locking the cover to the neck is so positioned that the container may be readily carried by the cover or bail. Spaced ribs 16 are formed on the ears 12 between which the bail or handle is adapted to move when placed in vertical position for locking the cover to the container and said ribs will retain the bail or handle in the stated position against accidental displacement.

As shown in Figure 8, the neck of the container may have the groove 9 while the rib 7 may be formed on the inner face of the cover, reversing these parts from that shown in Figure 1.

Having described the invention, I claim:

A container comprising a neck, a cover for said neck, a gasket between the cover and neck, depending ears formed on said cover and having apertures and arranged exteriorly of the neck, a handle having angularly related ends disposed through the apertures to form journals for the handle to the cover and shaped to provide cam...
elements arranged between the ears and the neck, cam flanges on the neck and having the ends spaced to permit movement of the cam elements under said cam flanges during turning movement of the cover with respect to the neck, said handle when in one position adapted to bring the cam elements against the cam flanges with force to bind the gasket to said neck and cover, spaced ribs formed on the ears to receive therebetween the handle when in the latter-named position, said cover having a groove, a flange on the neck to force the gasket into the groove on fastening of the cover to the neck, a depending flange formed on the cover and received in the neck and having a tapered face to be engaged by the gasket, and an annular flange formed in the neck to be engaged by the gasket adjacent the tapered face of the depending flange of the cover.

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