Feb. 19, 1924. 1,484,483

C. W. ECKER

MILK BOTTLE COVER

Filed June 8, 1921

Fig. 1.

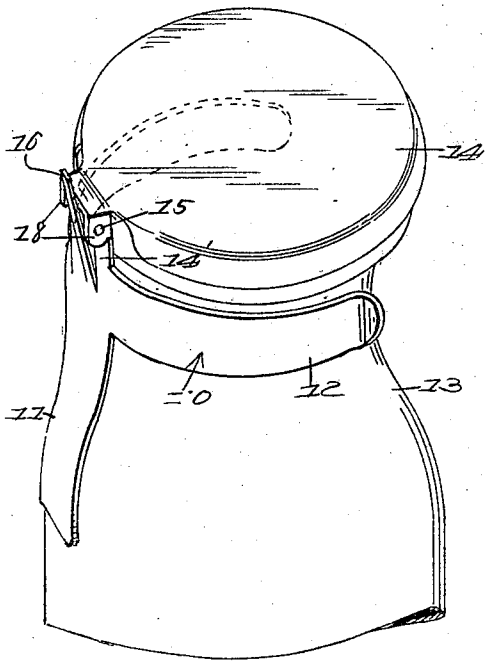


Fig. 2.

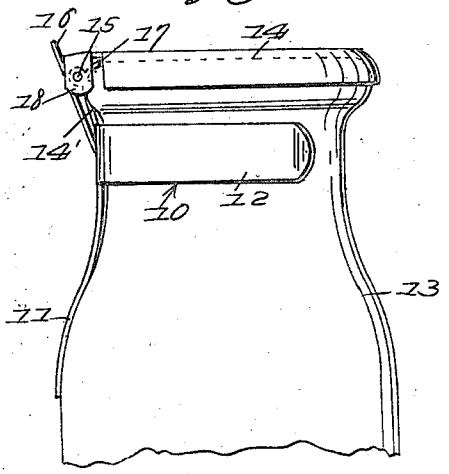


Fig. 3.

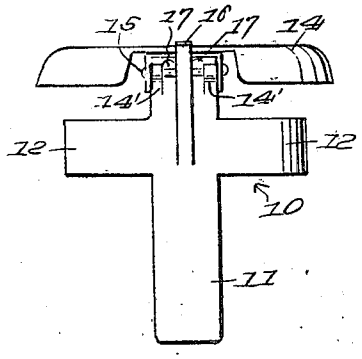
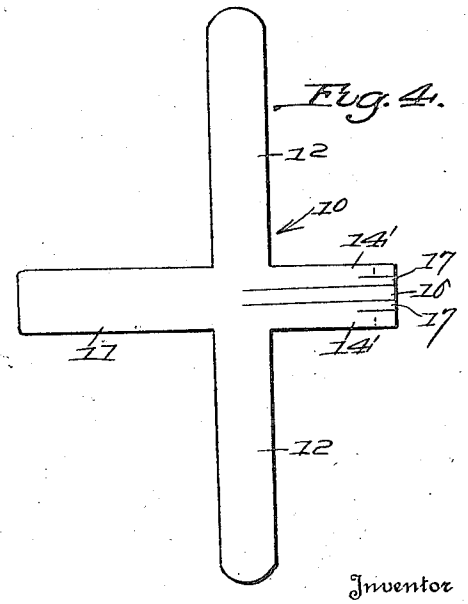


Fig. 4.



Inventor

Clarence W. Ecker

By E. Thomas Talbert

Attorney

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UNITED STATES PATENT OFFICE.

CLARENCE W. ECKER, OF ROCKFORD, ILLINOIS.

MILK-BOTTLE COVER.

Application filed June 3, 1921. Serial No. 475,898.

To all whom it may concern:

Be it known that CLARENCE W. ECKER, a citizen of the United States of America, residing at Rockford, in the county of Winnebago and State of Illinois, has invented new and useful Improvements in Milk-Bottle Covers, of which the following is a specification.

The object of the invention is to provide a simple and efficient means designed to serve as a temporary cover for milk bottles and the like which may readily be applied to the bottle when the original cover is displaced for protecting the contents of the bottle during the progressive use thereof and which may be manufactured at a relatively small cost and may with facility be maintained in a satisfactory sanitary condition; and with this object in view the invention consists in a construction and combination of parts of which a preferred embodiment is shown in the accompanying drawing, wherein:

Figure 1 is a view of a cap embodying the invention applied in the operative position to a milk bottle, the cap being shown in its closed position.

Figure 2 is a side view.

Figure 3 is an elevational view to show the joint and means of mounting the cap.

Figure 4 is a detail view of the blank forming the supporting member.

The device consists essentially of a supporting member 10 having the vertical bar elements 11 carrying a yielding clamp 12 of which the arms are disposed to encircle the neck of the bottle indicated at 13, and a cap 14 pivotally mounted upon an upward extension of the bar above the plane of the clamp, said extension being slitted to form spaced bearing arms 14′ for supporting the pivot 15 of the cap, and an intermediate cap actuating tongue 16 for contact with the rear edge of the cap to yieldingly hold it in either its closed or open position. The upper extremities of the bearing arms are further slitted to provide inwardly projecting fingers 17 which serve as stops to limit the downward swinging movement of the cap. The cap is provided with depending ears 18 arranged at the outer sides of the upstanding arms and having the pivot pin extended therethrough.

It will be obvious that the device may readily be applied to a milk bottle or like receptacle by snapping the clamp arms around the same to thereby arrange the cap in the position to serve as an effective closure for the bottle, and at the same time the cap may readily be displaced to permit of pouring the contents or a portion thereof from the bottle, said cap being held in its elevated position by the spring tongue which serves under ordinary circumstances to maintain the cap in its closed position.

Having described the invention, what is claimed as new and useful is:—

1. A milk bottle cover having a supporting member provided with a clamp for engaging the neck of the bottle, and a spring actuated cap pivotally mounted upon the supporting member for closing the mouth of the receptacle, said supporting member having upstanding bearing arms projecting above the plane of the clamp and an intermediate tongue, said arms being bent to form bearings for the pivot pin of the cover, and the tongue being arranged in contact with the rear edge of the cover for locking it in its adjusted positions.

2. A milk bottle cover having a supporting member provided with a clamp for engaging the neck of the bottle, and a spring actuated cap pivotally mounted upon the supporting member for closing the mouth of the receptacle, said supporting member having upstanding bearing arms projecting above the plane of the clamp and an intermediate tongue, said arms being bent to form bearings for the pivot pin of the cover, and said arms also having upstanding stop fingers for limiting the closing movement of the cap.

In testimony whereof he affixes his signature.

CLARENCE W. ECKER.