Dec. 21, 1926. 1,611,550

V. G. MOSS

MILK BOTTLE HOLDER

Filed July 12, 1924

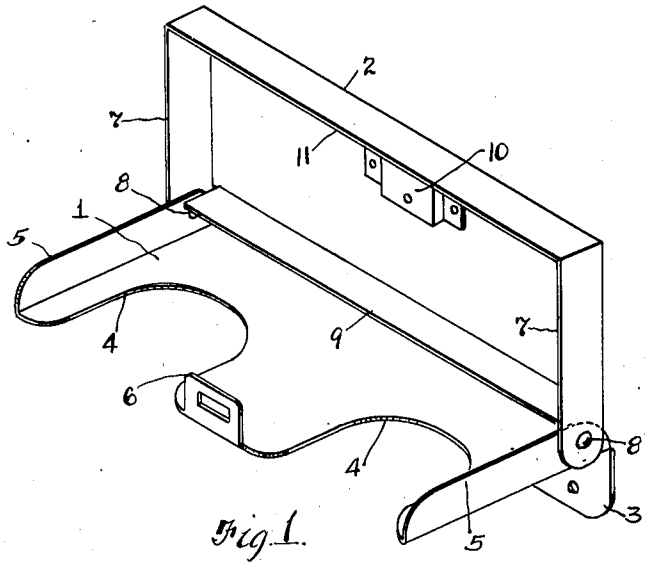


Fig. 1.

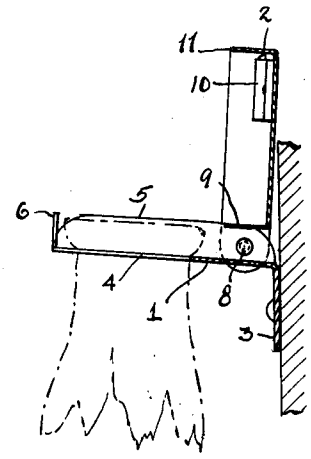


Fig. 3

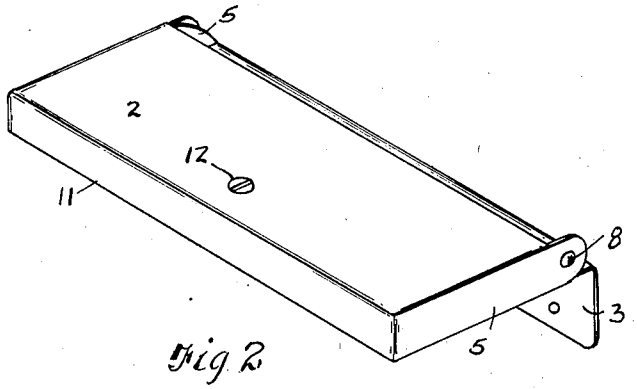


Fig. 2

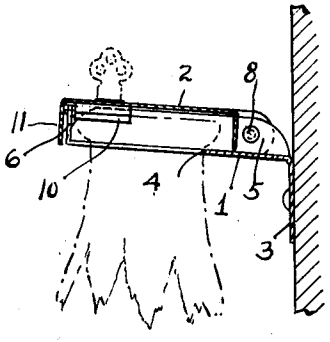


Fig. 4

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UNITED STATES PATENT OFFICE.

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MILK-BOTTLE HOLDER.

Application filed July 12, 1924. Serial No. 725,558.

The present improvements, relating, as indicated, to milk bottle holders, have as a principal object the provision of a simple and inexpensive device for household use which will be adapted to receive one or more milk bottles when delivered and retain same in securely sealed condition until the householder is ready for same. Provision is furthermore made, when desired, for locking the holder after the bottle has been placed therein so as to prevent removal except by the proper party.

To the accomplishment of the foregoing and related ends, the invention, then, consists of the means hereinafter fully described and particularly pointed out in the claims, the annexed drawing and the following description setting forth in detail certain mechanism embodying the invention, such disclosed means constituting, however, but one of various mechanical forms in which the principle of the invention may be used.

In said annexed drawing:—

Fig. 1 is a perspective view of my improved bottle holder showing same open, i. e., in position to receive a bottle or bottles; Fig. 2 is a similar perspective view showing the device closed; Fig. 3 is a transverse sectional view of the device in open condition, a bottle being shown as in place therein; and Fig. 4 is a view, similar to Fig. 3, but showing the device closed.

As illustrated in the drawing (see particularly Fig. 1), the device is adapted to receive two milk bottles, but if desired, may of course be readily made to accommodate only one or more than two. Essentially the device comprises only two members, viz, a base member 1 and a cover member 2 that is pivotally attached to said base member. Both members are preferably stamped up from sheet metal of proper gauge, the base member consisting of a flat plate with an integral downturned portion 3 for the purpose of attachment to a wall or equivalent support, the horizontally extending portion of the plate being formed with recesses 4 of the proper size and shape to permit the neck of a standard milk bottle to be inserted therein and be supported thereby, as shown in Figs. 3 and 4. Said base member is further provided with an upturned flange 5 at each end, and, where it is desired to employ a lock, with a notched or recessed tongue 6 that rises from its front edge intermediately of recesses 4.

The cover 2 is likewise preferably stamped up from sheet metal and is of general open box-like form, the two end walls 7 lying outside of the corresponding flanges 5 on the base 1 and being pivotally attached to such flanges at points 8 adjacent their rear ends. The inner or rear wall 9 of the cover is cut short at each end to clear the flanges 5 and is of the proper depth so as to also swing just clear of base 1 when the cover is closed. Where a lock 10 is employed, such lock is attached to the cover just inside the front wall 11 thereof and in position to register with tongue 6 on the base. Only the key opening 12 of such lock is accordingly exposed when the cover is closed (see Fig. 2).

The horizontal portion of base 1, as best shown in Figs. 3 and 4, is slightly inclined rearwardly and downwardly with respect to the vertical portion 3 by means of which the device is secured to the side wall of a building, porch column or like support. Accordingly, even where the bottles are hastily inserted in recesses 4, they will tend to remain in place or even to slide back to the rear of such recesses so as to permit the cover 2 to be closed. Where a lock is employed, it will be of spring pressed type so as to automatically secure the cover to the base upon the cover being thus swung downwardly. The space between the base and the cover when the latter is closed is just sufficient to accommodate the beaded portion of the bottle neck so that the cover will constitute an effective seal, preventing both dust and insects from getting onto the cap of the bottle. Obviously the bottle end will be inaccessible to roving cats and dogs.

My improved holder, it will thus be seen, is not only simple in construction and relatively inexpensive to manufacture, but at the same time affords substantial protection. Of equal importance from the standpoint of practicability it is, if anything, more convenient for the person delivering the milk bottles to place them in such holder than to set them down in the usual manner on a door-step. The device can, moreover, be attached to the wall at a convenient elevation so that it will not be

necessary to stoop over to place a bottle therein, and by placing the empty bottles in the holder for collection, the task of delivering milk bottles will be much reduced.

Other modes of applying the principle of my invention may be employed instead of the one explained, change being made as regards the mechanism herein disclosed, provided the means stated by any of the following claims or the equivalent of such stated means be employed.

I therefore particularly point out and distinctly claim as my invention:—

1. In a device of the character described, the combination of a base member stamped from sheet metal, with an integral downwardly bent attaching portion and an upturned flange at each end, said member also having an unobstructed outwardly opening recess adapted to receive and support the end of a milk bottle or like article, and a cover member stamped from sheet metal with a front wall, two end walls disposed to lie without the flanges on said base member, and a rear wall disposed to lie between such flanges, said end walls being pivotally attached to the corresponding flanges adjacent the rear edge of said base member.

2. In a device of the character described, the combination of a base member stamped from sheet metal with an integral downwardly bent attaching portion and an upturned flange at each end, said member also having an unobstructed outwardly opening recess adapted to receive and support the end of a milk bottle or a like article, a cover member stamped from sheet metal with an overhanging front wall, two end walls disposed to lie without the flanges on said base member and a rear wall disposed to lie between such flanges, said end walls being pivotally attached to the corresponding flanges adjacent the rear edge of said base member, and a lock in said cover member, said lock and said overhanging wall being spaced to receive therebetween a locking tongue on the base member.

Signed by me this 10th day of July, 1924.

VICTOR G. MOSS.