

C. M. DAVIS & M. J. LOOMIS.
MILK BOTTLE HOLDER.
APPLICATION FILED MAR. 25, 1915.

Patented May 15, 1917.

1,226,192.

Fig- 1

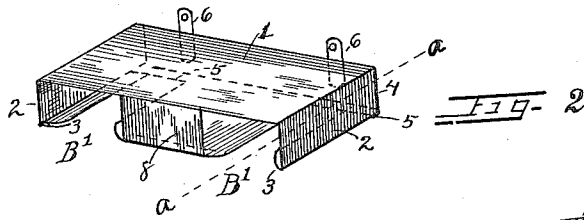


Fig- 2

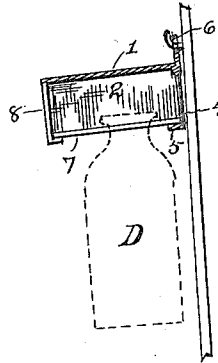


Fig- 3

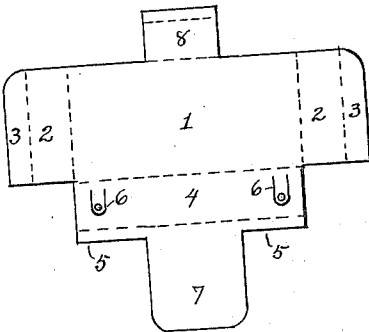


Fig- 5

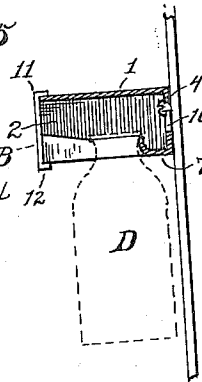
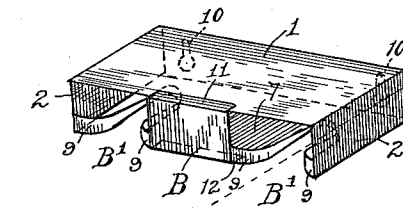


Fig- 8

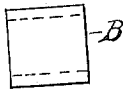


Fig- 7

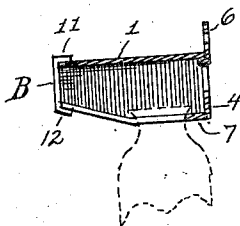
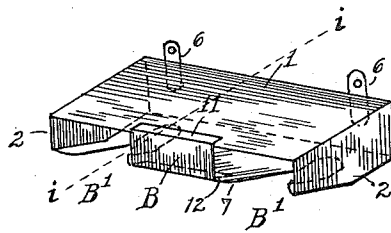


Fig- 6

WITNESSES.

N. D. Kingate
J. W. Kingate

INVENTORS.

Charles M. Davis & Milton J. Loomis
By Victor C. Randall
Atty.

UNITED STATES PATENT OFFICE.

CHARLES M. DAVIS AND MILTON J. LOOMIS, OF BATTLE CREEK, MICHIGAN; SAID
LOOMIS ASSIGNOR TO SAID DAVIS.

MILK-BOTTLE HOLDER.

1,226,192.

Specification of Letters Patent.

Patented May 15, 1917.

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To all whom it may concern:

Be it known that we, CHARLES M. DAVIS and MILTON J. LOOMIS, citizens of the United States, residing at Battle Creek, in the county of Calhoun and State of Michigan, have invented certain new and useful improvements in Milk-Bottle Holders, of which the following is a specification.

The present invention relates to milk bottle holders and has, among other objects, to provide an article of the class that will be simple and stable in construction, tasty in design, easy to operate, economical to manufacture and sanitary in purpose. These and other objects will hereinafter be more fully set forth in the following specification, shown in the accompanying drawings and defined in the appended claim.

In the drawings forming a part of this specification, Figure 1 is an embodiment of our invention.

Fig. 2 is a cross section of the same on the line *a-a*.

Fig. 3 is a metallic blank preparatory to being formed into a receptacle, as shown in Fig. 1.

Fig. 4 is a modification of our improved bottle holder, in perspective.

Fig. 5 is a cross section on the line *x-x*.

Fig. 6 is another modification of our bottle holder.

Fig. 7 is a cross section on the line *i-i*.

Fig. 8 is an outline of a blank employed for forming the front of the receptacles, shown in Figs. 4, 5, 6 and 7.

The bottle holder in the main comprises a hollow sheet-metal receptacle substantially in the form of a parallelogram having one of its side edges designated as its front, formed with openings which register with narrowed slots in the bottom of the receptacle, the front openings permitting the heads of bottles to enter the receptacle and the slots to receive the necks of bottles suspended therefrom, in which "D" represents bottles.

In the drawings, like marks of reference refer to corresponding or equivalent parts throughout the different views, in which "A" represents the configuration of a sheet-metal blank from which the main body-portion of one embodiment of our improved bottle holder is formed, and "B" represents a rectangular-shaped sheet-metal blank from which the front connection between

the slotted bottom and the top of receptacles are formed, as shown in Figs. 4, 5, 6 and 7.

The blank "A" to a certain extent is in the form of a right-angular cross, the widened longer horizontal portion of which forms the top 1, the ends 2, 2, and the end portions 3, 3, of the bottom to a receptacle, the shorter, narrow, horizontal portion forming the rear side 4, the retaining ledges 5, 5, and the ears 6, 6; the vertical narrowed portion forms the intermediate bottom portion 7, while the top central extension to the blank forms the front 8 of a receptacle, as shown in Figs. 1 and 2.

In forming up a receptacle, as shown in Figs. 1 and 2, the ends 2, 2, are bent downwardly at right angles to the top, and the bottom portions 3, 3, bent at right angles to the aforesaid ends and inwardly toward one another, after which the back portion 4 and the front portion 8 are bent downwardly at right angles to the top 1, thence the intermediate bottom-forming portion 7 and the retaining ledges 5, 5, are bent inwardly, the ledges to underlie the bottom ends 3, 3, and the free edge of the front 8 turned inwardly to underlie the intermediate bottom portion 7, blanking of the metal and the forming up of the same providing slots B¹, B¹, for the reception of the necks of bottles, as hereinbefore set forth.

The supporting ears 6, 6, are formed by shearing the metal so that tongues are provided which, when perforated near their extremities and appropriately bent, afford means by which the receptacle may be attached to a wall or other surface.

In Figs. 4 and 5, the slots B¹, B¹, of the receptacle are formed with edges which are upturned to provide ribs 9, the same being slightly wider at the entrance and downwardly tapering toward the rear, the sloping of the ribs being to prevent accidental dislodgment of a bottle within a slot, the formation of a rib being to stiffen the material at this point and also to render the same more enduring. In this instance we have provided slots 10 having narrowed upper portions, the apertures thus formed resembling key holes through which nails or screws may be received to attach the same to a wall or other surface, as shown in Fig. 5.

In Figs. 6 and 7 the slots B¹, B¹, of the receptacle are formed somewhat widened and downwardly sloping, the same to the

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 rear being narrowed sufficiently to prevent a bottle head from vertical dislodgment, and while we have shown the receptacle with its rear bottom on a parallel plane with the top 5 1, it would be evident that the whole bottom could slope to meet the back 4 and answer well for the purpose.

In Figs. 4, 5, 6 and 7, we have illustrated a receptacle of the character set forth, but 10 which instead of being formed up from a single blank of material comprises two pieces thereof.

In these modifications the blank "B" shown in Fig. 8 forms the front, the same 15 being shaped with inturned bottom and top edges 11 and 12, between which the top and the intermediate bottom of a receptacle is engaged, the parts being suitably united in any convenient and customary manner.

20 In Figs. 3 and 8, the dotted lines indicate where the metal is folded to form the respective devices into required shape.

From the foregoing description, taken in connection with the drawings, it will be 25 evident that we have disclosed a milk bottle holder which will accomplish the results sought as the object of our invention, and which is useful, convenient and well suited to our purpose.

Having, therefore, described our inven- 30 tion, what we claim and desire to secure by Letters Patent, is:

A receptacle of the class described formed from a sheet-metal blank, said blank comprising a top, extensions from said top forming ends and inturned portions of said ends 35 forming end bottom portions to said receptacles; a longitudinal extension to said top forming a back between said ends and an inturned portion of said back forming an intermediate bottom spaced from said end 40 bottom portions, and ledges to underlie and engage said end bottom portions; a narrowed extension of said top forming a front and engaging the intermediate bottom of 45 said receptacle, and ears formed from integral portions of said back, the same comprising a hollow article having openings in the front and provided with a slotted bottom, the slots thereof flaring outwardly and 50 registering with said front openings, substantially as set forth.

CHARLES M. DAVIS.
 MILTON J. LOOMIS.

Witnesses:

H. F. WINGATE,
 T. H. WINGATE.