Aug. 28, 1934. P. T. CHAMPLIN 1,971,642

BAG HOLDER

Filed April 13, 1933

Fig. 1.

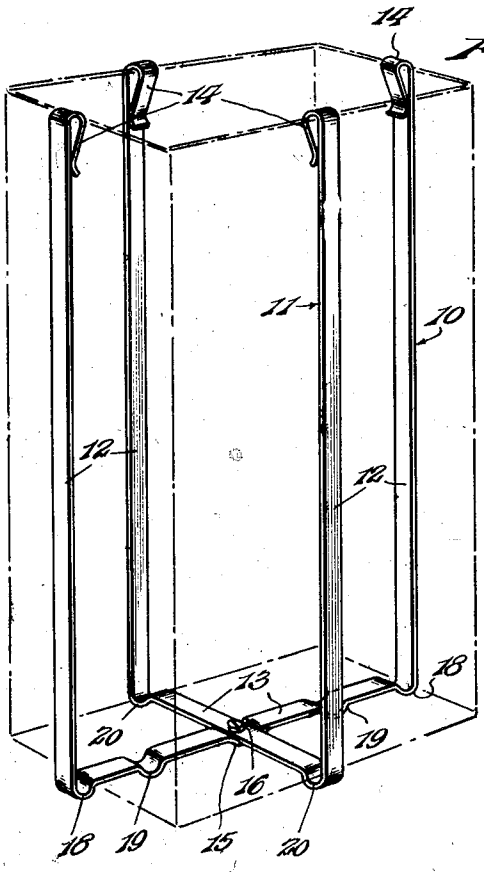


Fig. 2.

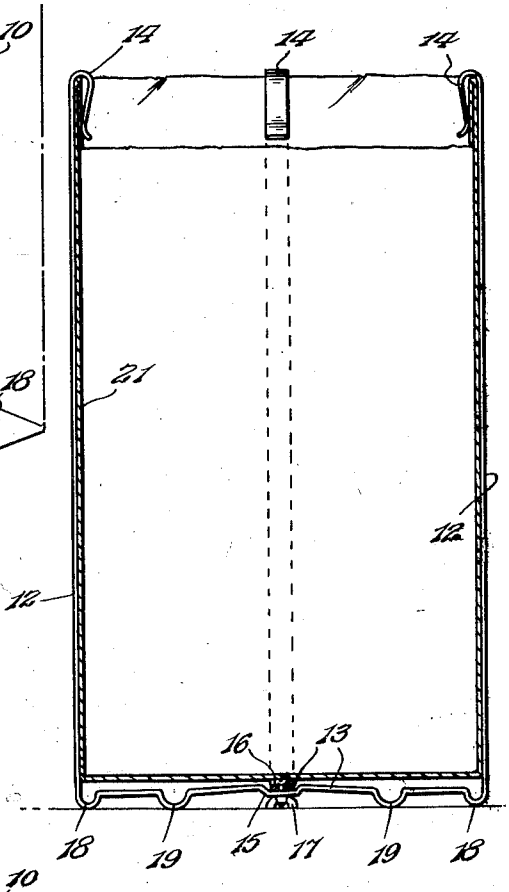
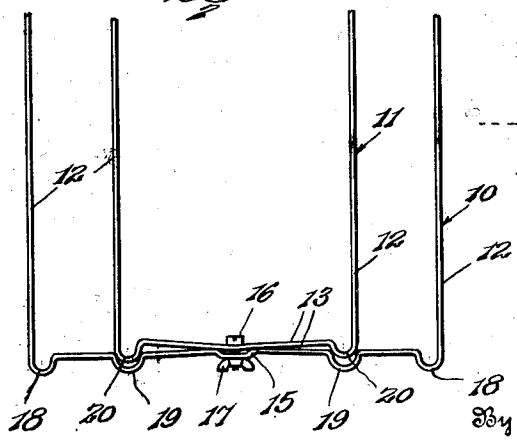


Fig. 3.



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1,971,642

BAG HOLDER

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Application April 13, 1933, Serial No. 666,007

4 Claims. (Cl. 83—26)

This invention relates to an improved bag holder and seeks, among other objects, to provide a simple and efficient device of this character for holding an ordinary paper bag open so that the bag may be conveniently and quickly filled.

A further object of the invention is to provide a device wherein the bag may be readily engaged with the device or as easily disengaged therefrom without mutilation of the bag or likelihood of tearing thereof.

Still another object of the invention is to provide a device which will serve to support the bag against undue bulging under the weight of the contents of the bag.

And the invention seeks, as a still further object, to provide a device which may be easily and quickly collapsed to occupy a minimum of space.

With the foregoing and other objects in view, the invention consists in certain novel details of construction and combinations of parts hereinafter fully described and claimed, it being understood that various modifications may be resorted to within the scope of the appended claims without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawing, Figure 1 is a perspective view of my improved bag holder showing, in dotted lines, a bag in position thereon,

Fig. 2 is a vertical sectional view through the device, and

Fig. 3 is a fragmentary elevation showing the holder folded.

In carrying the invention into effect, I employ a pair of U-shaped bag supports 10 and 11, each comprising parallel side bars 12 joined by a straight connecting bar 13. Each of the supports 10 and 11 is preferably formed from a single strip of suitable resilient sheet metal and, as will be observed, the support 10 is somewhat wider than the support 11.

At their upper ends, the side bars 12 of the supports 10 and 11 are provided with bag fasteners 14 in the form of resilient clips shown, in the present instance, as being produced by bending the upper end portions of the bars over and inwardly so that the clips bear, near their free ends, against the inner faces of the bars. Other appropriate fasteners may be employed, however, if so desired, such as suitable spring snaps riveted to the side bars. At a point midway between its ends, the connecting bar of the support 10 is, as particularly seen in Figs. 2 and 3 of the drawing, bent downwardly to provide a depressed seat 15 of a length corresponding to the width of the connecting bar of the support 11. Extending through the connecting bar of the support 11 and through said seat is a bolt 16 pivotally connecting the supports, said bolt being preferably provided with a wing nut 17.

At its ends, the connecting bar of the support 10 is bowed downwardly to provide a pair of feet 18 and is likewise bowed equi-distantly from the feet 18 to provide a second pair of feet 19. Similarly, the connecting bar of the support 11 is bowed downwardly at its ends to provide a pair of feet 20.

In use, the support 11 is swung to a position at a right angle to the support 10, as shown in Figs. 1 and 2 of the drawing, when the connecting bar of the support 11 will rest in the seat 15 to coact with the ends of said seat for locking the supports against relative swinging movement. After the supports have been arranged in angular relation as just described, the nut 17 of the bolt 16 may, of course, be tightened, if so desired, for firmly binding the supports in locked position. A paper bag, as conventionally illustrated at 21, is then opened and placed between the side bars of the supports when, after folding the upper end of the bag inwardly, as seen in Fig. 2, the upper margin of the bag is engaged beneath the clips 14. These clips will then serve to hold the bag in open position upon the holder so that the bag may be easily and quickly filled and, as will be noted, the side bars of the support 10 are spaced apart to snugly accommodate the long transverse dimension of the bag while the side bars of the support 11 are spaced apart to snugly accommodate the short transverse dimension of the bag. Holders of different sizes will, of course, be provided to accommodate different sized bags and in this connection, it may be noted that the side bars of the supports may, if so desired, be of sufficient height to accommodate the bag without the necessity of folding the bag inwardly at the top thereof.

When not in use, the support 11 is swung to aline with the support 10 when the feet 20 of the support 11, as shown in Fig. 3, nest within the feet 19 of the support 10. In this position of the support 11, the connecting bar thereof will, as shown, be bowed across the seat 15 and will thus be tensioned against the connecting bar of the support 10 for frictionally holding the supports in alined folded position. When so folded, the device will, as will be appreciated, occupy a minimum space.

Having thus described the invention, I claim:

1. A folding bag holder comprising pivotally united companion U-shaped bag supports each comprising side bars having their upper ends entirely disconnected and their lower ends joined by a connecting bar, bag-engaging clips carried by the upper ends of the side bars, said supports being movable one within the other to folded position, and means for securing the supports in folded position.

2. A folding bag holder including companion U-shaped bag supports each comprising side bars having their upper ends entirely disconnected and their lower ends joined by a connecting bar, the connecting bar of one of said supports being provided with a depressed seat accommodating the connecting bar of the other of said supports, a pivot bolt extending through the latter bar and said seat pivotally connecting the supports whereby said supports may be swung to a position at substantially right angles to each other or to alined folded position, and a nut engaging the pivot bolt for clamping the bag supports in either position.

3. A folding bag holder including companion U-shaped bag supports each including side bars having their upper ends entirely disconnected and their lower ends joined by a connecting bar, one of the connecting bars being provided with a centrally disposed depressed seat adapted to receive the other connecting bar, a pivot bolt extending through the connecting bars at said seat pivotally connecting the supports to each other, said connecting bars being downwardly bowed to provide feet, bag-engaging clips carried by the upper ends of the side bars of the supports, and a clamping nut engaging the pivot bolt.

4. A folding bag holder comprising pivotally united substantially U-shaped bag supports each comprising side bars having their upper ends bent inwardly and downwardly to form spring clips and their lower ends joined by a connecting bar, a pivot bolt extending through the connecting bars at the intersection thereof, said bag supports being movable to operative position at substantially right angles to each other or to a folded position one within the other, and a clamping nut engaging the pivot bolt for securing the bag supports in either position.

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