Aug. 11, 1959 K. T. BAYARD 2,899,161

BAG HOLDER AND OPENER

Filed Dec. 3, 1957

FIG. 1

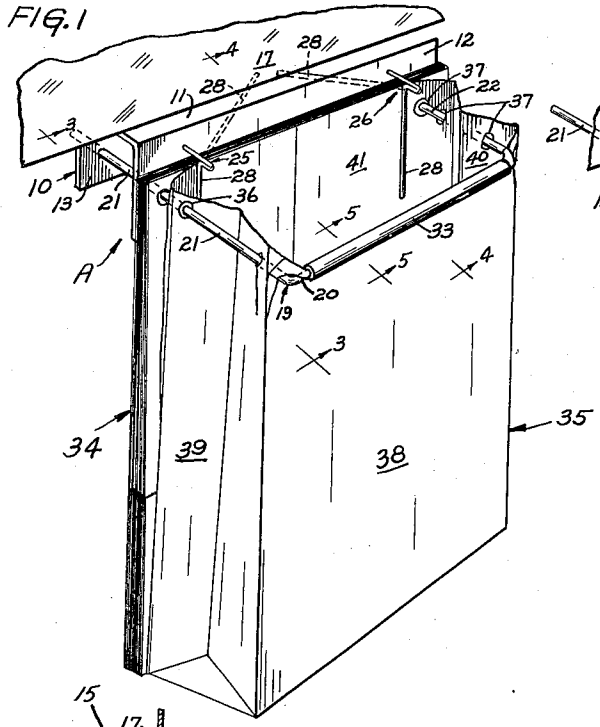
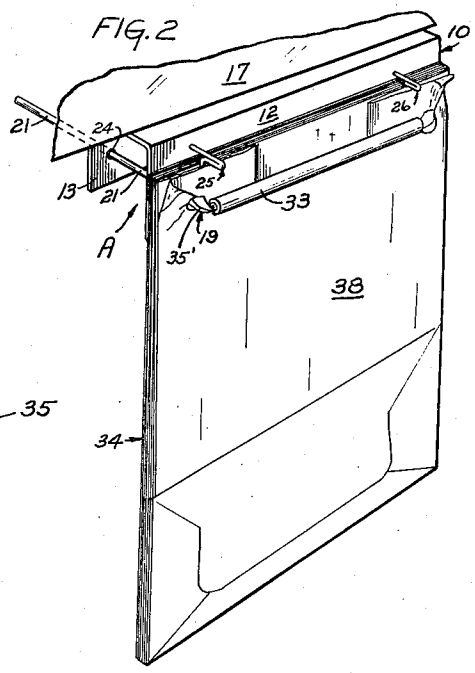


FIG. 2



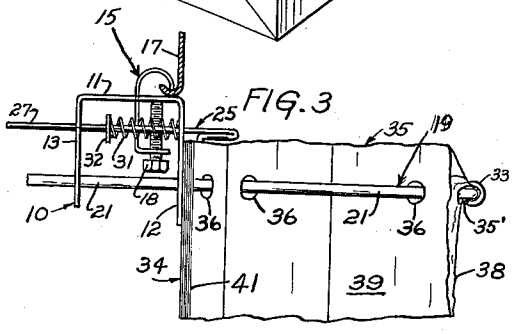


FIG. 3

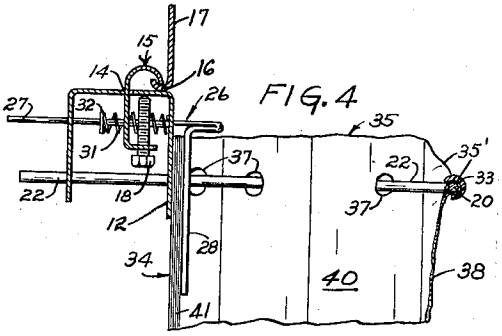


FIG. 4

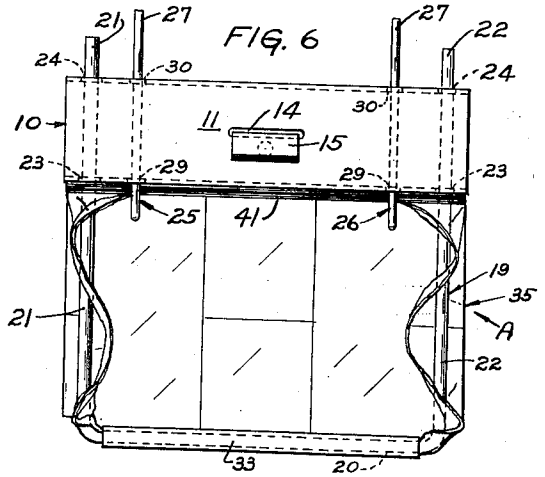


FIG. 6

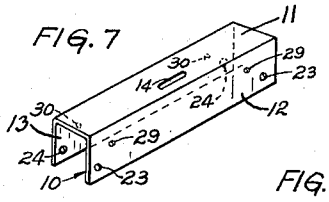


FIG. 7

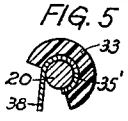


FIG. 5

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2,899,161

BAG HOLDER AND OPENER

Kenneth T. Bayard, Cloquet, Minn.

Application December 3, 1957, Serial No. 700,342

4 Claims. (Cl. 248—101)

My invention relates to an improvement in a holder for paper bags and more particularly to a holder for a supply of paper bags which has means for opening and closing the outermost bag so that the same may be used as a depository for articles, refuse and the like.

It is an object of my invention to provide a holder for bags having means for holding a supply of bags tightly compressed and also means for opening and closing the outermost bag together with means for easily detaching the outermost bag for disposing of the same with the next supported bag ready for easy attachment to the opening and closing means.

I shall not here attempt to set forth and indicate all of the various objects and advantages incident to my invention, but other objects and advantages will be referred to in or else will become apparent from that which follows.

The invention will appear more clearly from the following detailed description when taken in connection with the accompanying drawings, showing by way of example a preferred embodiment of the inventive idea wherein like numerals refer to like parts throughout.

In the drawings forming part of this application:

Figure 1 is a perspective view of my bag holder shown as mounted on the lower edge portion of the dashboard of an automobile with the outermost bag in opened position, and the clamping members shown in open position in broken lines.

Figure 2 is a perspective view of the holder shown in Figure 1 with the outermost bag in closed position.

Figure 3 is an end view of my bag holder with the outermost bag in opened position.

Figure 4 is a sectional view on the line 4—4 of Figure 1.

Figure 5 is a sectional view on the line 5—5 of Figure 1.

Figure 6 is a top plan view of my bag holder in opened position.

Figure 7 is a perspective view of the support frame member removed from the holder.

Referring to the drawings in detail, my bag holder A includes the inverted channel shaped frame member **10** formed of the top portion **11**, the depending front wall portion **12** and the depending rear wall portion **13**. The top portion **11** of the channel member **10** is formed with the slot **14** through which the clamp arm **15** extends. The clamp arm **15** is tightened upon the lip **16**, for example, of the automobile dashboard **17** by means of the screw member **18** to thereby mount the channel member **10**. Further provided is the U-shaped support rod member **19** formed of the cross-bar portion **20** and the side rod members **21** and **22**. The side members **21** and **22** of the U-shaped support member **19** are slidably positioned within spaced holes **23** and **24** formed through the front and rear wall portions **12** and **13** respectively.

The numerals **25** and **26** designate a pair of spaced clamps each formed of the horizontal portion **27** and

the right angular clamping portion **28** depending therefrom. The portion **27** of each of the clamps **25** and **26** is slidably positioned within one of a pair of spaced holes **29** and **30** formed through the front and rear wall portions **12** and **13** respectively. The clamping portion **28** of each of the clamps **25** and **26** is urged toward the wall portion **12** into clamping position by means of a coil spring **31** interposed between the wall **12** and the stop shoulder **32** fixed to the horizontal portion **27**.

I further provide the cover portion **33** for the bar portion **20** of the U-shaped support member which is formed of portion of flexible tubing semi-circular in cross section and forced upon the bar **20** to grippingly engage the bar. The numeral **34** designates a supply of paper bags placed in flattened stacked condition against the front wall portion **12**, while the numeral **35** designates the outermost bag. Each of the paper bags has the spaced holes **36** and **37** punched through the front bag portion **38**, the bellowed side portions **39** and **40** and the rear portion **41**.

The side member **21** of the support **19** is inserted through the holes **36** of the bags, and the side member **22** of the support **19** is inserted through the holes **37** of the bags. The clamping portions **28** of the clamps **25** and **26** are placed upon the wall **41** of the outermost bag **35** to hold the wall **41** and the supply of bags **34** tightly against the wall **12** of the frame **10**. The top edge **35'** of the outer wall **38** of the bag **35** is placed on the bar **20** and under the gripping engagement of the flexible tubing member **33** to thereby hold the wall **38** to the bar **20**. With the bag **35** supported in such a manner, the bag may be opened by pulling out on the bar portion **20** of the slidable support rod member **19** which pulls out only the wall **38** thereby opening the bag **35**. In this condition objects may easily be placed in the bag. The bag is closed by simply pushing inwardly on the bar **20**, with the side rods **21** and **22** sliding through the respective holes **23** and **24**.

The bag **35** may be removed by simply tearing it from the member **19** or removed intact by pivotally lifting the clamping portions **28** to the position shown in broken lines in Figure 1 whereby the support **19** may be slidably removed from the holes in the support **10** with the bag thereon and the bag then removed from the support and from under the semi-tubular cover member **33**. In further using my device, the front wall of the outermost bag of the supply **34** is pulled outwardly, and the top edge thereof is secured under the cover member **33** on the bar **20** in the manner hereinbefore mentioned.

The invention is not to be understood as restricted to the details set forth since these may be modified within the scope of the appended claims without departing from the spirit and scope of the invention.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent is:

1. In a channel bag holder and opener, a frame member having a top portion and depending spaced front and rear wall portions, a U-shaped support member having a crossbar portion and spaced side portions extending therefrom, said side members of said U-shaped support member slidably mounted on said front and rear wall portions of said channel frame member, means for clamping one or more bags on said frame member, means for slidably mounting bags on said side members of said U-shaped support member, and means for attaching the upper edge of the outermost wall of the outermost bag to said cross-bar portion of said U-shaped support whereby the same may be moved to thereby open or close the mouth of the outermost bag.

2. In a channel bag holder and opener, a frame member having a top and depending side walls, a U-shaped support member including a cross-bar and spaced side

members extending therefrom to which a supply of bags is connected, said side walls of said frame member having spaced holes formed therein and in which said side members are slidably positioned, a pair of clamping members pivotally mounted on said frame member and adapted to clamp the supply of bags against said frame and the inner wall of the inner wall of the outermost bag with the outermost wall of said outermost bag connected to said cross bar of said U-shaped member whereby the outermost bag is opened upon pulling said cross bar from said frame.

3. In a bag for a bag holder and opener, said bag having front, back and pleated side walls, said front, back and pleated side walls having spaced holes formed therethrough in alignment adapted to receive spaced rod members of said holder for supporting the bag and on which said front wall may be slidably spaced from said back wall.

4. In a bag for a bag holder and opener, said bag having front, back and pleated side walls, said front, back and pleated side walls having holes formed therethrough adjacent the outer and upper edge of said front and back walls and adjacent the upper edge of said pleated side walls, all of said holes being in alignment and adapted to receive spaced rod members of said holder for supporting the bag and on which said front wall may be slidably spaced from said back wall.

References Cited in the file of this patent

UNITED STATES PATENTS

116,981	Mitchell	July 11, 1871
810,329	Dyett	Jan. 16, 1906
1,554,034	Richie	Sept. 15, 1925
2,113,153	Jonassen	Apr. 5, 1938

UNITED STATES PATENT OFFICE

CERTIFICATE OF CORRECTION

Patent No. 2,899,161 August 11, 1959

Kenneth T. Bayard

It is hereby certified that error appears in the printed specification of the above numbered patent requiring correction and that the said Letters Patent should read as corrected below.

Column 2, lines 55 and 70, each occurrence, strike out "channel" and insert the same before "frame", in same lines 55 and 70; column 3, line 7, strike out "of the inner wall".

Signed and sealed this 26th day of July 1960.

(SEAL)

Attest:

KARL H. AXLINE

Attesting Officer

ROBERT C. WATSON

Commissioner of Patents