

F. D. CROCE.
 PAPER BAG HOLDER.
 APPLICATION FILED JUNE 6, 1912.

1,061,357.

Patented May 13, 1913.

2 SHEETS—SHEET 1.

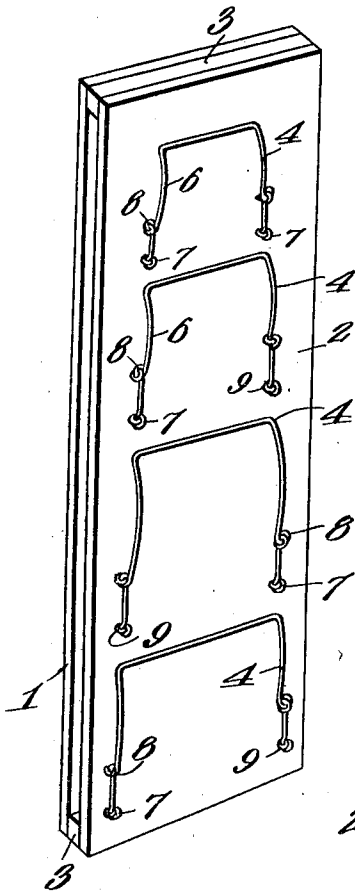


Fig. 1.

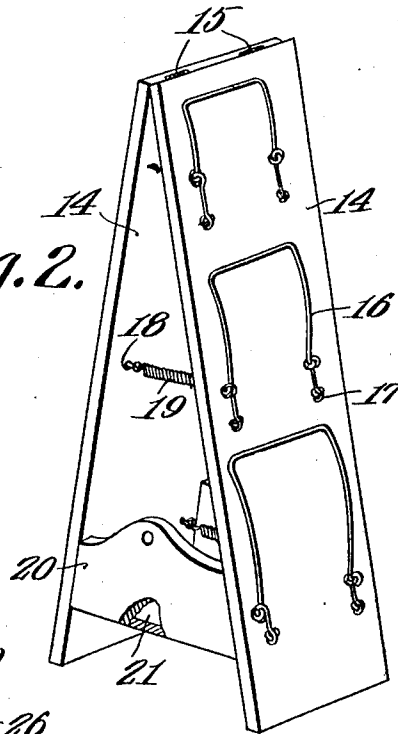


Fig. 2.

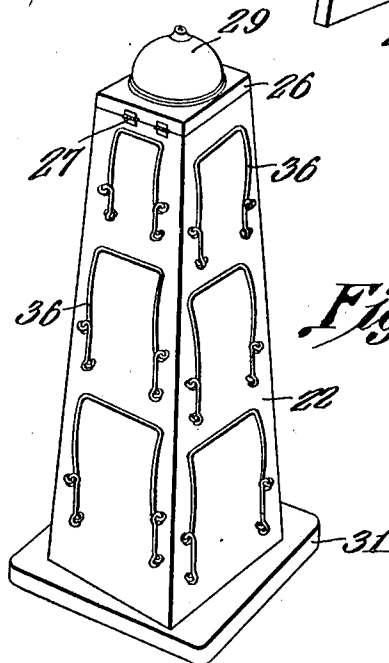


Fig. 3.

Witnesses

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2 SHEETS—SHEET 2.

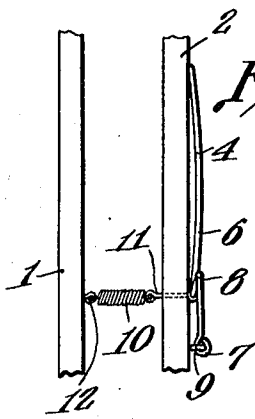


Fig. 4.

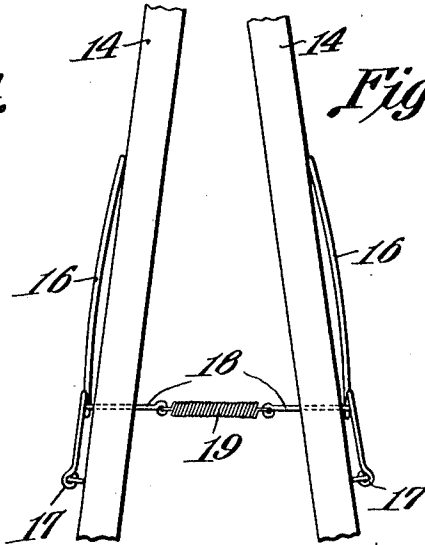


Fig. 5.

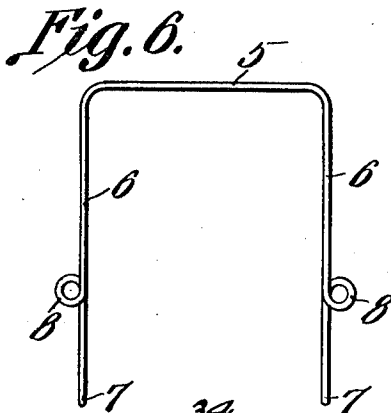


Fig. 6.

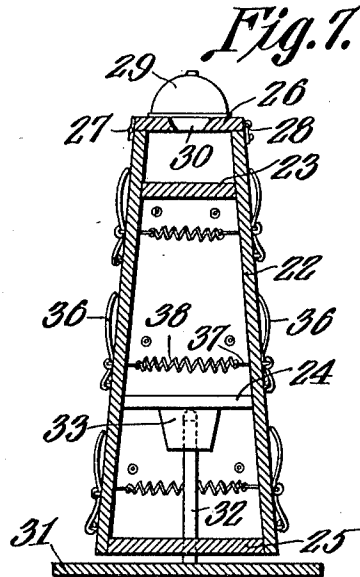


Fig. 7.

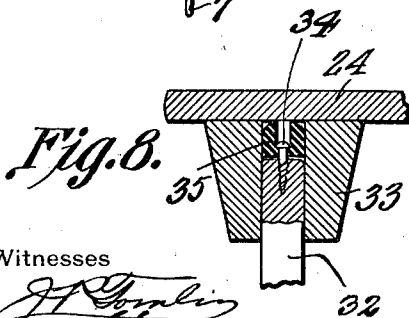


Fig. 8.

Witnesses

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PAPER-BAG HOLDER.

1,061,357.

Specification of Letters Patent.

Patented May 13, 1913.

Application filed June 6, 1912. Serial No. 702,052.

To all whom it may concern:

Be it known that I, FERDINANDO D. CROCE, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented a new and useful Paper-Bag Holder, of which the following is a specification.

One object of the present invention is to provide novel means for mounting and controlling the clips in a paper bag holder.

A further object of the invention is to provide novel means for mounting for rotation, the supporting structure whereby the bag-holding clips are held.

A further object of the invention is to provide a bag-holder in which the resilient means for actuating the clips constitutes also a means for limiting the downward movement of the bags in the clips.

The invention aims further to provide a novel form of supporting structure for the bag-holding clips and to provide novel means for assembling the clips with the supporting structure.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawings,—Figure 1 shows one form of the invention in perspective; Fig. 2 shows another form of the invention in perspective; Fig. 3 is a perspective showing a still further modification; Fig. 4 is a fragmental elevation of the structure shown in Fig. 1; Fig. 5 is a fragmental elevation of the structure shown in Fig. 2; Fig. 6 is an elevation of one of the clips; Fig. 7 is a vertical longitudinal section of the structure shown in Fig. 3; and Fig. 8 is a sectional detail illustrating the rotatable mounting of the bag-supporting portion of the structure shown in Fig. 3.

In carrying out the invention, referring to Figs. 1 and 4, spaced members 1 and 2 are shown, the same being connected adjacent their ends by cleats 3, the members 1 and 2 being spaced apart. The device shown in Figs. 1 and 4 is adapted to be hung upon a wall or like support, the member 1 constituting the rear of the struc-

ture, and the member 2 constituting the front of the structure. To the outer face of the member 2, a plurality of bag-holding clips 4 are pivoted, there being any desired number of the bag-holding clips, the clips preferably being graduated in size, so as to accommodate and to hold bags of different dimensions.

Referring particularly to Fig. 6, and comparing the showing thereof with Fig. 4, it will be seen that each clip 4 comprises an intermediate portion 5 and spaced arms 6, provided at their ends with terminal eyes 7 disposed at right angles to the intermediate portion 5, there being other eyes 8 formed in the arms 6, between their ends, the eyes 8, the arms 6 and the intermediate portion 5 lying in a common plane. By means of screw-eyes, staples or other elements 9 adapted to a like end, the terminal eyes 7 of each clip 4 are pivotally connected with the member 2.

The invention further includes a resilient structure adapted to hold each clip 4 in operative relation with the member 2. Each resilient structure above mentioned comprises a retractile spring 10, one end of which is pivotally connected with an eye formed at the inner end of a link 11, the link 11 being slidable in the member 2, the outer end of the link being provided with an eye which is engaged in one of the eyes 8 of each clip 4. The inner ends of the springs 10 are secured by means of staples, screw-eyes or the like 12 to the inner face of the rear member 1 of the supporting structure.

That form of the invention which is depicted in Figs. 2 and 5 is adapted to be placed upon a counter, upon the floor, or upon a support of any desired sort. The structure shown in Figs. 2 and 5 comprises diverging members 14, connected at their upper ends by means of hinges 15. The clips 16 are of the form hereinbefore described, the clips 16 being pivoted as indicated at 17 to the outer faces of both of the members 14. In both of the members 14, links 18 are slidable, the inner ends of the links being provided with eyes engaging the ends of a retractile spring 19, the outer ends of the links being provided with eyes pivotally engaged in the eyes 8 of the clips, hereinbefore described. Adjacent their lower ends, the members 14 of the supporting structure are connected by braces 20,

the braces 20 coöperating with a bottom 21, to form a receptacle in which twine or the like may be placed.

In that form of the invention which appears in Figs. 3 and 7, the supporting structure is of box-like form and comprises four or more walls 22, united by a top plate 23, by an intermediate plate 24 and a bottom plate 25. To the upper end of one of the walls 22 the lid 26 is hinged as shown at 27, the lid 26 being held in place by a hook and eye connection 28, or in any other desired manner. Mounted upon the lid 28 is a twine-holder 29, and in the lid 26 there is an opening 30, through which the twine within the holder 29 may be passed, the twine being carried outward for ready access. The structure above described is mounted to rotate upon a sub-structure including a base 31 from which rises a pedestal 32. The pedestal 32 passes through an opening in the bottom plate 25 and enters a socket 33, fixed to and depending from the intermediate plate 24. Mounted upon the upper end of the pedestal 32 is a shaft 34 upon which is journaled for rotation a resilient button 35, preferably fashioned from rubber. The button 35 abuts against the intermediate plate 24. The bag-holding clips 36 are of the form hereinbefore described, there being links 37 slidable in the walls 22, the inner ends of the links 37 being connected with the retractile springs 38, and the outer ends of the links being pivotally connected with the intermediate portions of the clips 36, in the manner hereinbefore described.

The structure shown in Figs. 3 and 7 does not differ materially from the structure shown in Figs. 2 and 5, so far as the positioning and the operation of the clips are concerned, there being, in the structure shown in Figs. 3 and 7, four or more walls, instead of two as shown in Fig. 2.

Referring to the device shown in Figs. 1 and 4, it will be understood that the bags are folded and are placed between the free ends of the clips 4 and the member 2, the springs 10 serving to maintain the clips 4 in gripping relation with respect to the bags.

In that form of the structure which is shown in Figs. 2 and 3, each of the retractile springs serves to control a pair of oppositely disposed clips. In all forms of the invention, the springs serve not only to connect the springs with the clips but, as well, act as stops, preventing the bags from moving too far downwardly.

In order to remove the bag from one of the clips, it is necessary merely to give one of the bags a smart jerk, whereupon a single bag will be withdrawn, the other bags being held by the clip.

Especial attention is directed to the rotatable mounting of the supporting structure shown in Figs. 3 and 7. Owing to the fact that the resilient button 35 is provided, the same engaging the intermediate plate 24, the supporting structure may be rotated readily upon the pedestal 32. The button 35 is rotatable upon the shaft 34, but owing to the resilient nature of the button, a long continued rotation cannot be imparted to the holder, at a single impulse, the resilient button facilitating the rotation but, at the same time, acting as a drag, preventing the movable portion of the device from spinning around.

Having described the invention, what is claimed is:—

1. In a device of the class described, spaced members; a bag holding clip pivoted at its lower end to one member and provided intermediate its ends with an eye; a straight link pivoted in the eye and extended through said member; a spring connected to the link; and means for connecting the spring to the other member; the link being slidable in the first specified member to permit the top of the clip to engage the bags when the link is actuated by the spring, the link constituting means for upholding the bags, thereby preventing the bags from wedging in the angle defined by the clip and said member, and permitting the bags to be engaged by the top of the clip.

2. In a device of the class described, spaced supporting members; bag holding clips pivoted at their lower ends upon said members; links connected with the intermediate portions of the clips, the links being straight and being extended through said members; and a retractile spring connecting the inner ends of the links; the links constituting stops for upholding the bags, thereby permitting the bags to be engaged by the tops of the clips, when the links and clips are actuated by the spring.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

FERDINANDO D. CROCE.

Witnesses:

JAMES W. CRAIG,
HENRY W. HARTMAN.