

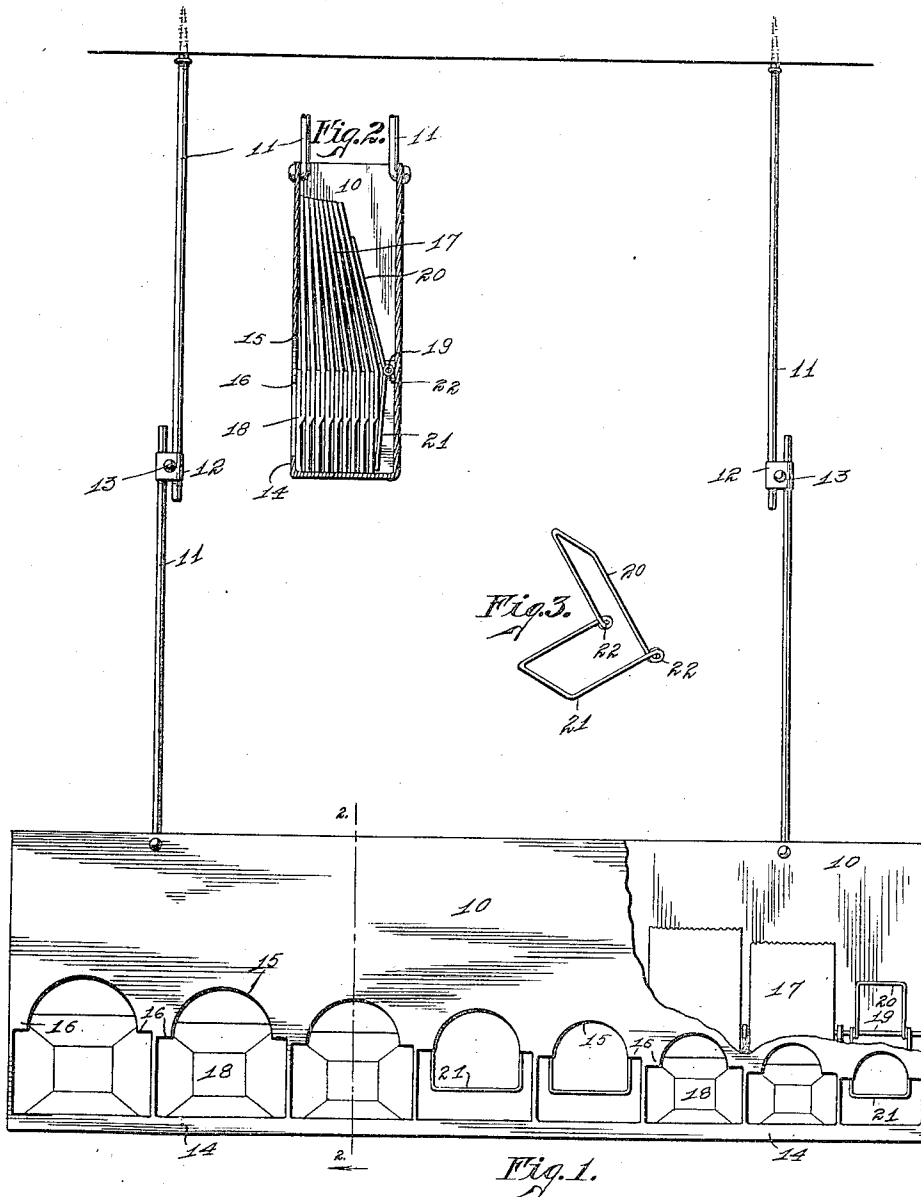
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PAPER BAG HOLDER

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UNITED STATES PATENT OFFICE.

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PAPER-BAG HOLDER.

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To all whom it may concern:

Be it known that I, ALGOT D. PETERSON, a citizen of the United States, and a resident of Alta, county of Buena Vista, and State of Iowa, have invented a certain new and useful Paper-Bag Holder, of which the following is a specification.

The object of my invention is to provide a device of simple, durable and inexpensive construction especially designed for use in retail stores for the purpose of supporting paper bags in position where they will be readily accessible to a counter upon which merchandise may be placed in the bags and the bags wrapped up.

My invention relates particularly to a device for holding the kind of paper bags in which the bottom of the bag is of substantially rectangular form and flat and is normally folded when the bags are packed to position parallel with the adjacent side of the bag, and it is my object to provide a bag holder in which the outer paper bag is so positioned that the operator may readily, quickly and easily grasp the upper edge of the bottom member of the bag and then by pulling it straight outwardly may withdraw the bag which has been grasped and not withdraw the next adjacent bag, and

Further to provide a holder of this class in which the bottom of the bag is held tight against the side of the bag when in position in the holder so that it will not project outwardly from the holder where it might catch dust and become soiled.

A further object is to provide an improved springing device for yieldingly holding the bags in the holder against the delivery side of the holder where they may be conveniently grasped, and further in this connection it is my object to provide a springing device of this class which may be readily and easily manipulated when placing bags in the holder.

My invention consists in the construction, arrangement and combination of the various parts of the device, whereby the objects contemplated are attained as hereinafter more fully set forth, pointed out in my claim, and illustrated in the accompanying drawings, in which:

Figure 1 shows a side elevation of a bag holder embodying my invention with bags in some of the compartments and a part of the frame being broken away to show the interior construction.

Figure 2 shows a sectional view on the line 2—2 of Figure 1 and

Figure 3 shows a detail perspective view of one of the spring bag holding devices detached.

Referring to the accompanying drawings, I have used the reference numeral 10 to indicate the main frame of the bag holder, comprising a bottom, two sides and two ends and being open at the top. This main frame is preferably supported by means of two screw threaded rods 11 which may be screwed into a ceiling and which are connected at their lower ends to the sides of the frame. The rods are made in two parts and at their overlapping central portions there is an adjustable clamp 12, parts of which the held together by a bolt 13, and whereby the holder may be adjusted vertically to stand at the proper height above a counter or table.

In the front of one of the sides of the main frame there is a series of openings through which paper bags may be removed. There may be as many of these openings as is found desirable and each opening is made of a size corresponding to the sizes of the bags to be used. Each opening has a stop device 14 extending upwardly from the bottom of the frame and the top of the opening is made of segmental shape at 15 and provided with retaining shoulders 16 at its sides. The paper bags are indicated by the numeral 17 and each has its bottom 18 folded flat and arranged parallel with the bag proper. In the rear of each opening is a spring device mounted upon a rod 19 and having a loop 20 at its top and another loop 21 at its bottom, and coil springs 22 between the loops and surrounding the rod 19. These parts are so arranged that the upper ends of both the loops tend to move toward the front or open part of the frame, as shown in Figure 2.

In practical operation the operator grasps a number of paper bags and inserts them with the bottom ends down at the top of the main frame. He then grasps the upper loop 20 and moves it toward the rear of the main frame and then by pressing down upon the bags the lower loop 21 will be moved downwardly and toward the rear of the frame so that the paper bags may be readily and easily inserted and when inserted yielding pressure will be applied to the lower ends of the bags by the loops 21 and to the upper

ends of the bags by the loops 20 tending to hold the front bag of each row flat against the front of the main frame. When the bags have been thus inserted in the main frame, the retaining shoulders 16 will engage the upper corners of the bag, as shown in Figure 1. However, the operator may readily and easily insert his fingers through the segmental opening 15 and grasp the top edge of the bottom portion of the outer bag, then by pulling downwardly and outwardly upon it it will pass under the retaining shoulders 16 and then the lower edge of the bottom will ride over the retaining lug 14 and the bag may be easily removed with one operation.

During this operation the upper spring loop 20 will apply friction to the upper portion of the bag and in the event that two bags are stuck together as sometimes occurs, they will be torn apart without injury to the bags because the locking lug 14 and the two retaining shoulders 16 will engage the next adjacent bag and it will be held against removal because the springs retain it in flat position against the inner surface of the front of the main frame, and hence only one bag may be removed at a time because by bending the bottom of the bag outwardly it is released from the retaining shoulders 16 at the top, and the retaining lug at the bottom, but the next adjacent one is not thus released.

I claim as my invention:

A paper bag holder designed for use with that class of paper bags in which the bottom portion of the bag is folded over against one side of the bag, said device comprising in combination a bottom member upon which bags may be supported, a front member, said front member having at its bottom an upwardly projecting bag retaining lug, said front also being formed with an opening in its front above the bottom through which an operator may extend his fingers and grasp the upper edge of the folded bottom of a paper bag, said front also being formed with downwardly extending lugs on opposite sides of said opening, to engage the upper side edges of the folded bottom of the paper bag, and a spring actuated means for yieldingly holding bags within the device against the said front, said means comprising a rod and a spring formed complete of a single piece of wire and comprising two coil springs mounted upon said wire, one portion of the wire being extended upwardly from the coils to yieldingly engage the top portions of the bags, and another portion of the wire being extended downwardly from the coils to engage the bottom portions of the bags, to thereby apply pressure to the bags at the top and bottom portions thereof only, for the purposes stated.

ALGOT D. PETERSON.