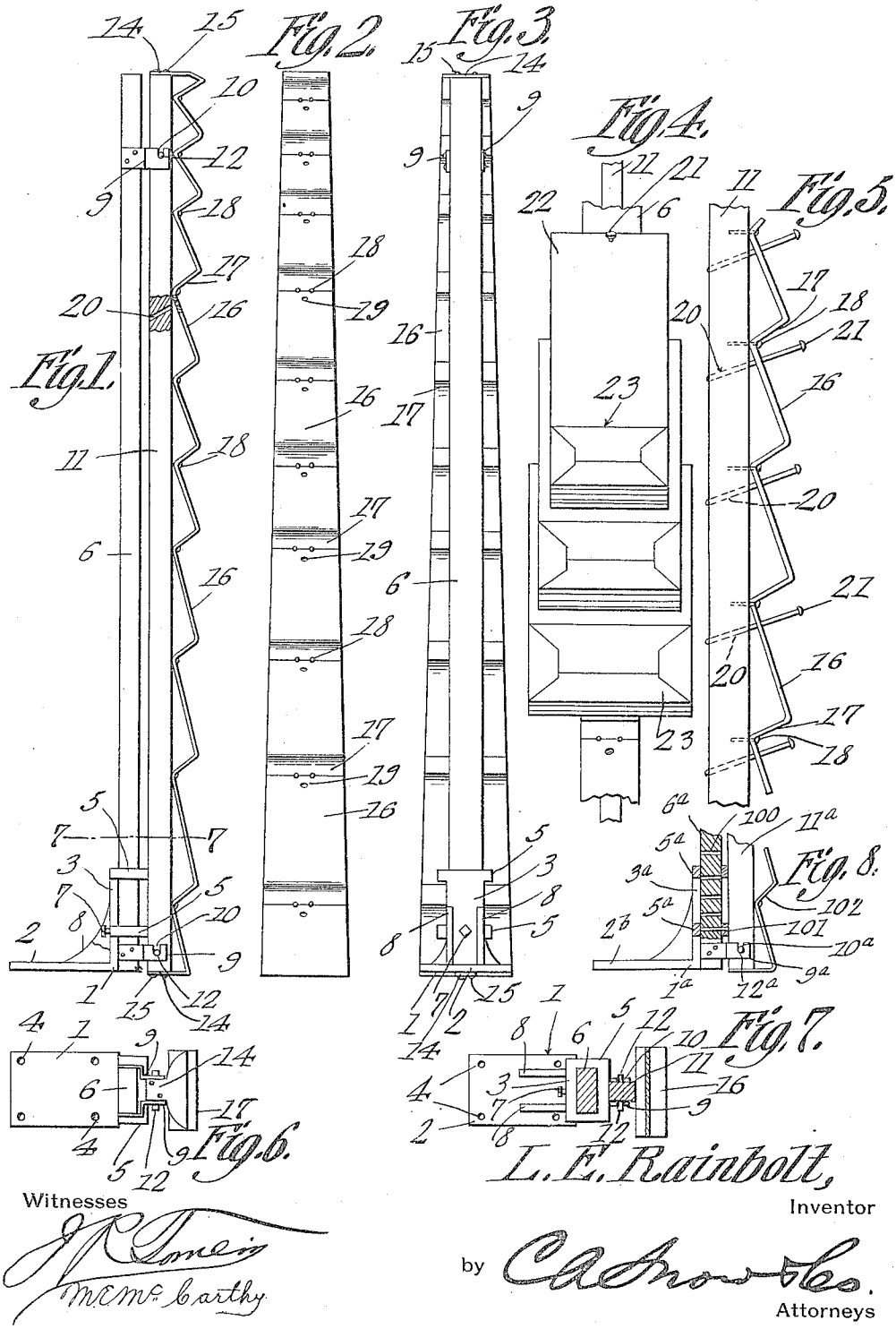
L. E. RAINBOLT.

PAPER BAG RACK.

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1,196,148. Patented Aug. 29, 1916.



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PAPER-BAG RACK.

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To all whom it may concern:

Be it known that I, LEE E. RAINBOLT, a citizen of the United States, residing at Bedford, in the county of Lawrence and State of Indiana, have invented a new and useful Paper-Bag Rack, of which the following is a specification.

The device forming the subject matter of this application is adapted to be employed for holding paper bags of the sort in which merchandise is commonly dispensed in retail stores.

One object of the present invention is to provide a device of the type above alluded to in which bags may be detached readily, novel means being provided whereby a package of bags may be mounted readily upon the holder

Another object of the invention is to provide means whereby the position of the bags may be adjusted vertically, thereby rendering the bags readily accessible.

It is within the scope of the invention to improve generally and to enhance the utility of devices of that type to which the present invention appertains.

With the above 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 the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawing:—Figure 1 shows the invention in side elevation, parts being sectioned; Fig. 2 is a front elevation; Fig. 3 is a rear elevation; Fig. 4 is a fragmental front elevation on an enlarged scale, the bags being shown as an added detail; Fig. 5 is a fragmental side elevation upon an enlarged scale; Fig. 6 is a bottom plan; Fig. 7 is a cross section on the line 7—7 of Fig. 1; Fig. 8 is a vertical sectional detail showing a modified form of the invention.

In carrying out the present invention there is provided a bracket 1 adapted to be mounted upon a suitable support of any sort such as a shelf or a counter. The bracket 1 is of rectangular form and embodies a base 2 and a flange 3, the base 2 being provided with apertures 4 adapted to receive securing elements whereby the bracket is held in place. The upright flange 3 of the bracket 1 is equipped with spaced sockets 5.

Adjustable vertically in the sockets 5 of the bracket 1 is an upright 6 preferably in the form of a bar, the upright being held in adjusted positions with respect to the bracket 1 by means of a set screw 7 threaded into the flange 3 of the bracket between reinforcing wings 8 which extend between the flange 3 and the base 2 Fixed to and projecting forwardly from the upright 6 near to the upper and lower ends thereof are arms 9 provided with notches 10 in their upper edges.

The invention further includes a support which is a composite structure, the support embodying a back bar 11 provided with pins 12 or other projections adapted to be received removably in the notches 10 of the arms 9. Extended longitudinally of the back bar 11 is a strip preferably fashioned from metal, the ends of the strip being formed into feet 14 abutting against the upper and lower ends of the back bar 11, the feet 14 being held to the ends of the back bar by means of securing elements 15. The strip is zig-zagged or bent upon itself to form inclined supporting ledges 16 and to form guard shoulders 17 overhanging the ledges 16. The ledges 16 and the guard shoulders 17 define angles in the strip, and these angles abut against the back bar 11. Securing elements 18 which may be nails or screws pass through the angles of the strip and enter the back bar 11 to hold the strip in place on the back bar. In each of the ledges 16 is formed an opening 19 alined with an opening 20 in the back bar 7, as will be understood best when Fig. 2 of the drawings is compared with Fig. 1.

Removably mounted in the openings 19 and 20 are pins 21, each pin 21 being adapted to be inserted through a bunch of bags 22. After the pin 21 has been thrust through a bunch of bags, the pin is inserted through the openings 19 and 20, the bags lying against the ledges 16 and being shielded at their upper ends by the shoulders 17.

It will be observed that the ledges 16 are of different lengths to accommodate bags of different sizes and as many or as few ledges 16 may be provided as is considered expedient. When the bags upon any one ledge 16 are exhausted, another bunch of bags through which a pin 21 has been inserted

may be placed upon the ledge, by merely inserting the pin 21 into the openings 19 and 20. The operation of refilling any one ledge may therefore be carried out with great rapidity. In practice, it is rare that all of the bags of different sizes are used up at once. When one of the bag supports is partially emptied, the back bar may be lifted, thereby disengaging the pins 21 from the notches 10 in the arms 9 of the upright 6. Thereupon, the partially emptied bag support may be taken to a source of supply and be replenished, or a filled bag support may be substituted for the original bag support when the latter is emptied or partially so. Further, by loosening the set screw 7, it is possible to adjust vertically the upright 6 and with it the back bar 11 and the bags thereon. The bags thus may be held at all times at a convenient height and within the reach of the operator. The folds in the bags, indicated at 23 in Fig. 4 preferably are outwardly disposed and therefore when a bag is desired, the same may be snatched readily and quickly off the pin 21 the fold in the bag being received in the hand of the operator.

The use of the set screw 7 is not mandatory. Referring to Fig. 8, the bracket is shown at 1^a, the same embodying a base 2^b and a flange 3^a. The sockets are shown at 5^a. The numeral 6^a denotes the upright, and the latter is provided with a plurality of vertically spaced openings 100. The back bar of the bag support appears at 11^a and is provided with pins 12^a adapted to be received in notches 10^a formed in arms 9^a attached to the upright 6^a—all as hereinbefore described. In the present embodiment of the invention, however, a pin 101 is thrust rearwardly through the lowermost socket 5^a and may be inserted into any of the openings 100 thereby to secure a vertical adjustment of the upright 6^a. After the pin 101 is in position, the back bar or support 11^a is mounted in place, the pins 12^a entering the notches 10^a for the double purpose of holding the support 11^a against the pin 101 to prevent a displacement thereof and to prevent a vertical movement of the support 11^a. The pins 12^a and the arms 9^a constitute detachably interengaged elements coacting to prevent longitudinal and transverse movement of the support 11^a whereby the latter may be held against the forward end of the pin 101 to prevent a displacement thereof.

The bar 6^a of Fig. 8 cannot be moved upwardly above the position there shown, because the arms 9^a will strike against the lower edge of the socket 5^a if such an adjustment is attempted. The bar 6^a, however, may be moved downwardly to any desired extent, the pin 101 being placed in one of the upper openings 100. The bar 6 of Fig. 1 may likewise be moved downwardly when the set screw 7 is loosened. In other words, the bars 6 and 6^a are shown in their extreme uppermost positions. If the base 2 or the base 2^a is attached to a shelf, a horizontal beam, or other support located so high as to raise the uppermost bag holders beyond reach, the bars 6 or 6^a may be lowered as above described.

Having thus described the invention, what is claimed is:—

1. In a device of the class described, an upright and a back bar, one of which is provided with projecting arms, the other of which is provided with projections engaging the arms; bag holding means on the back bar; and a bracket in which the upright is vertically adjustable.

2. In a device of the class described, a bracket; an upright vertically adjustable in the bracket; means for holding the upright in adjusted positions with respect to the bracket; arms projecting from the upright and provided with notches; a back bar having projections received in the notches; and bag holding means on the back bar.

3. In a device of the class described, a bracket including a socket; an upright longitudinally adjustable in the socket and provided with openings; a pin removably inserted through a portion of the socket and adapted to be engaged in any of the openings; a bag support abutting against the pin to prevent the withdrawal thereof; and detachably interengaged elements on the upright and on the bag support, said elements coacting to prevent longitudinal and transverse movement of the bag support, whereby the latter will be maintained in abutment with the pin.

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

LEE E. RAINBOLT.

Witnesses:
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents. Washington, D. C."