

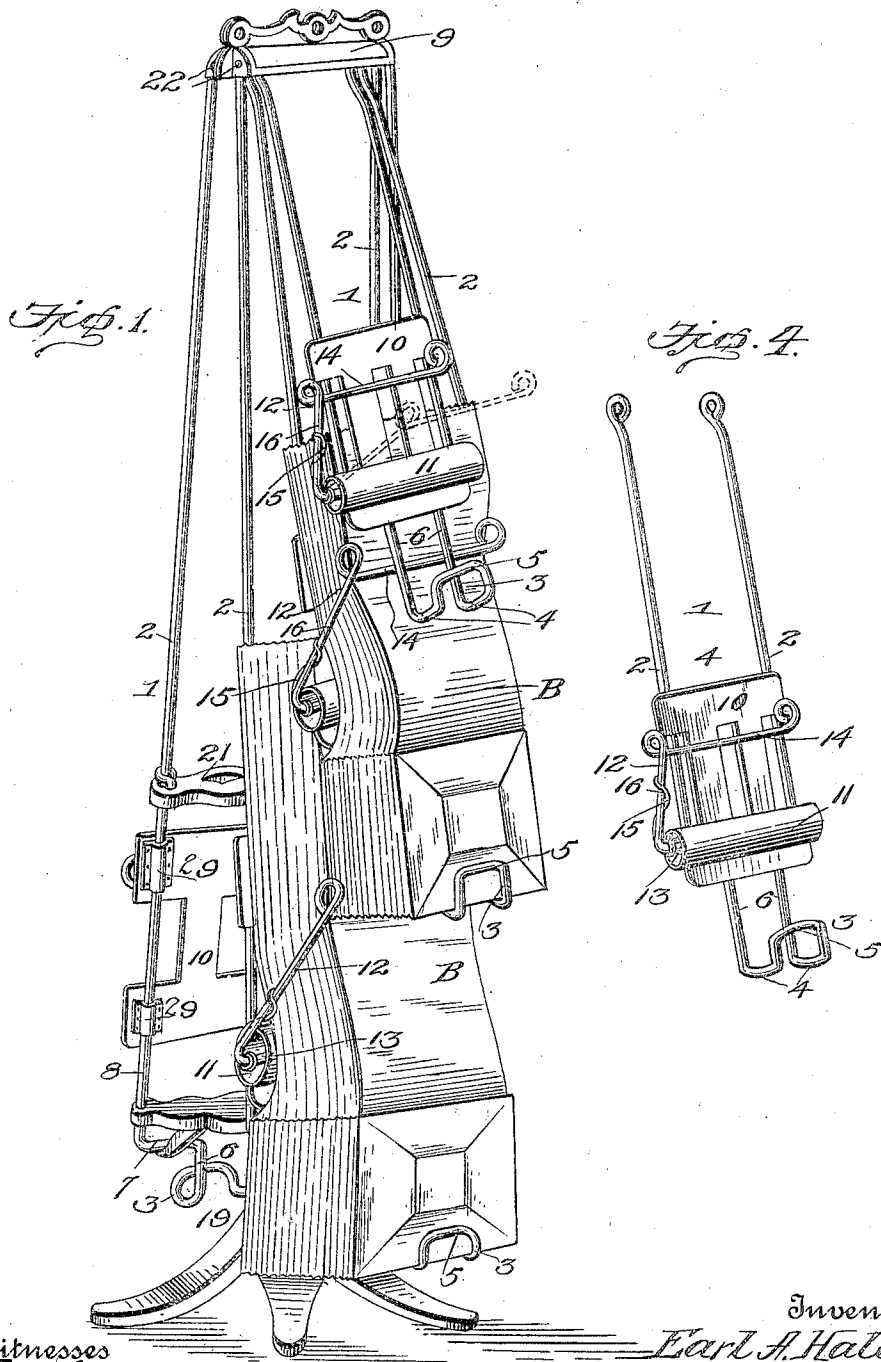
No. 821,237.

PATENTED MAY 22, 1906.

E. A. HALE.
BAG HOLDER.

APPLICATION FILED JUNE 26, 1905.

2 SHEETS—SHEET 1.



Witnesses
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L. H. Girshauer.

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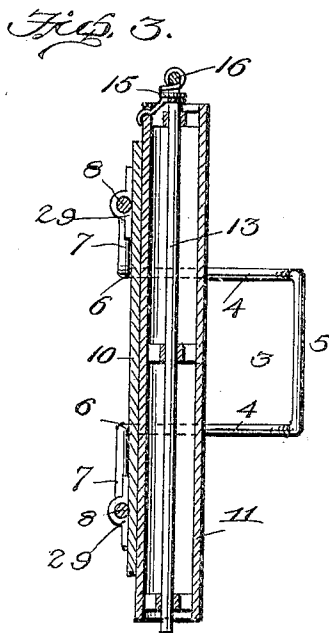
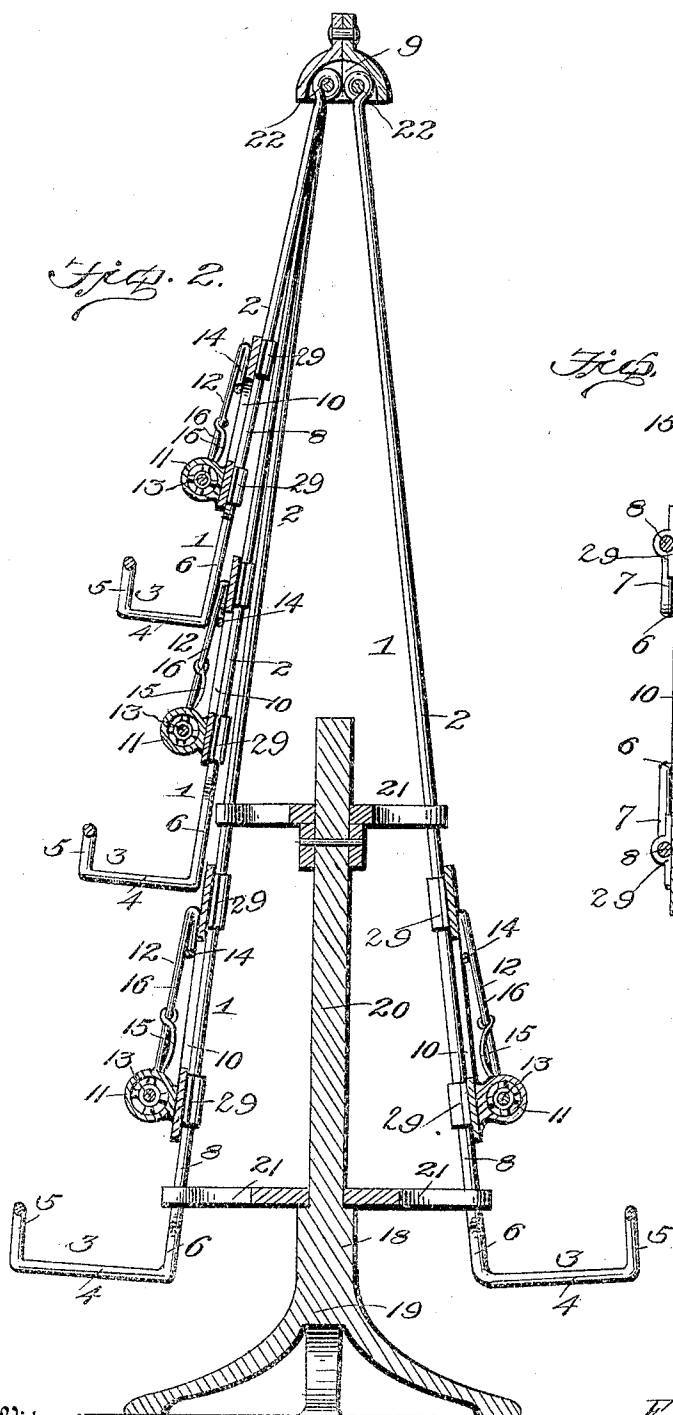
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UNITED STATES PATENT OFFICE.

EARL A. HALE, OF DAYTON, OHIO.

BAG-HOLDER.

No. 821,237.

Specification of Letters Patent.

Patented May 22, 1906.

Application filed June 26, 1905. Serial No. 267,127.

To all whom it may concern:

Be it known that I, EARL A. HALE, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Bag-Holders; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in holders for paper bags and the like.

The object of the invention is to provide a device of this character which will be simple in construction, durable in use, efficient in operation, and comparatively inexpensive to manufacture.

With the above and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, as will be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a series of my improved bag-holders mounted upon a pedestal. Fig. 2 is a vertical sectional view through the same. Fig. 3 is a detail horizontal sectional view; and Fig. 4 is a perspective view of one of the bag-holders removed from its support.

Referring to the drawings by numeral, 1 denotes one of my improved bag-holders, which comprises a frame 2, constructed, preferably, of a single piece of metal rod or wire. This frame 2 is formed at its lower end with a bag-supporting hook 3, which is formed by bending the piece of wire or rod from which the frame 2 is formed upon itself at its center, as clearly shown in the drawings. The paper bags B are adapted to rest upon the portions 4 of said hook and are retained thereon by the upwardly-projecting portion 5 of the same. The body portions 6 of the hook, which extend parallel to each other, are bent outwardly, as shown at 7, and then upwardly to form two parallel arms 8, which are attached to a suitable support 9. Upon the arms 8 is secured by clips 29 or any other suitable means a back plate 10, against which the bags are adapted to rest. Upon the lower portion of the plate 10, directly above the support or hook 3, is a transversely-extending projection 11, which is preferably in the form of a roll or cylinder. The bags B are placed above this roll 11, which is adapted to hold their inter-

mediate portions extended, as shown in Fig. 1 of the drawings. The upper portions of the bags are retained upon the back plate 10 by a swinging clamp 12, which is preferably of U form and constructed from a single piece of metal rod or wire. One end or arm 13 of the clamp 12 extends through the roll 11 and is mounted in suitable bearings, as shown, and the opposite end or arm 14 of said clamp is forced inwardly by a coil-spring 15, which has one of its ends engaged with the connecting portion 16 of the clamp and its other end attached to the roll 11. It will be seen that a number of bags may be readily placed in the holder by swinging the clamp 12 outwardly and that said bags may be quickly and easily removed, one by one, by disengaging their bottoms from the support or hook 3 and drawing their upper portions from under the clamp 12. Owing to the construction of the support 3 and the arrangement of the roll 11 and clamp 12, it will be seen that the bags may be conveniently grasped.

The bag-holders above described may be mounted singly or in groups or series upon any desired support and may be constructed in different sizes to accommodate bags of different sizes. In Figs. 1 and 2 of the drawings 1 have shown a pedestal 18, consisting of a base 19, supported upon legs and having projecting vertically from its center an upright or standard 20, upon which two or more spiders 21 may be mounted, as desired. Upon the spiders 21 are mounted two sets of the bag-holding devices 1, the set upon one side consisting of three of said holders and the set upon the opposite side consisting of one; but it will be understood that any desired number may be provided. The largest and lowermost holder of each set has its arms 8 secured in apertures in the spiders 21, and to their upper ends is attached by longitudinally-extending bolts or the like 22 the support 9. The latter is here shown in the form of a casting consisting of two parts which are riveted or otherwise secured together; but it will be understood that the same may be of any other form and construction. The upper ends of the arms 8 of each of the remaining bag-holders are formed with eyes through which the bolts 22 pass, as clearly shown in Fig. 2 of the drawings, so that said holders are pivotally mounted. Instead of employing the pedestal 18 to support the series

of bag-holders it will be understood that they may be suspended by suspending the support 9.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

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

1. The herein-described bag-holder comprising a pedestal, spiders mounted thereon, bag-supporting frames having upwardly-extending arms secured to the spiders, supporting lower portions 4 and outwardly-extending portions 5, plates connecting the arms of the said frames, rolls on the outer, lower portions of said plates, spring-actuated clamps 20 pivoted in said rolls, and a support 9 to which the upper ends of the bag-supporting frames are secured.

2. A bag-holder comprising a frame having a hook-shaped support at its lower end, a plate upon said frame, a transversely-extending projection or enlargement upon said plate above said support, a swinging clamp piv-

oted to said projection, and a spring for swinging the free end of said clamp to said plate, substantially as described. 30

3. A bag-holder comprising a frame formed by bending a piece of metal rod or wire to form a supporting-hook, a plate connecting the sides of the frame, a transversely-extending roll upon said plate, a spring-actuated clamp pivoted in said roll, and means for supporting said frame, substantially as described. 35

4. A bag-holder comprising a frame formed by bending a piece of metal rod or wire to form a supporting-hook, a plate connecting the sides of the frame, a transversely-extending roll upon said plate, a substantially U-shaped clamp pivoted in said roll and formed from a single piece of metal rod or wire, a spring for actuating said clamp and a support attached to the upper end of said frame, substantially as described. 40 45

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

EARL A. HALE.

Witnesses:

EUGENE R. HALE,
W. H. EMRICK