

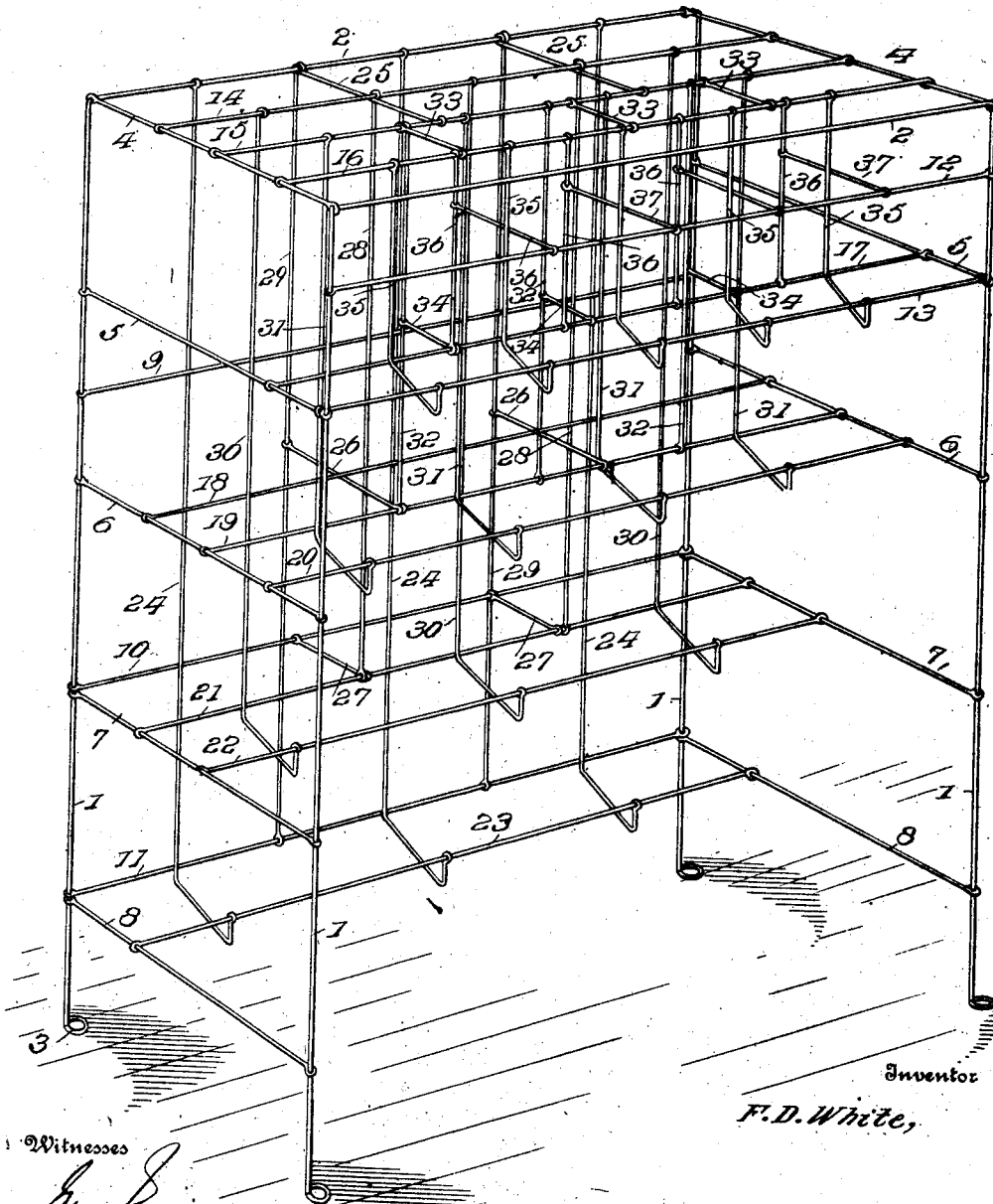
No. 874,143.

PATENTED DEC. 17, 1907.

F. D. WHITE.
PAPER BAG HOLDER.
APPLICATION FILED AUG. 18, 1907.

2 SHEETS—SHEET 1.

Fig. 1.



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2 SHEETS—SHEET 2.

FIG. 2.

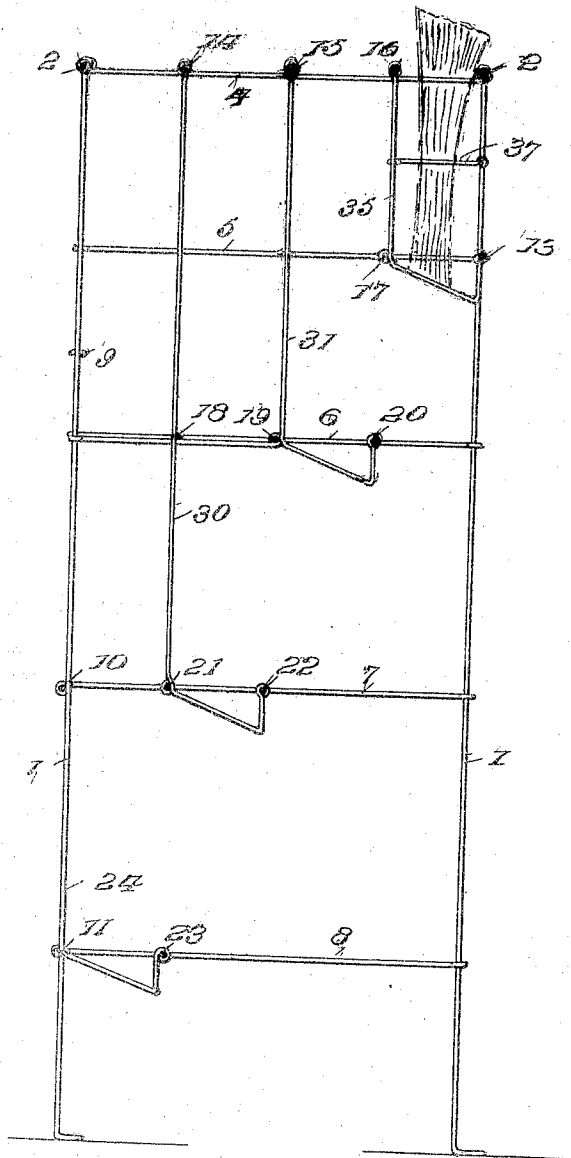
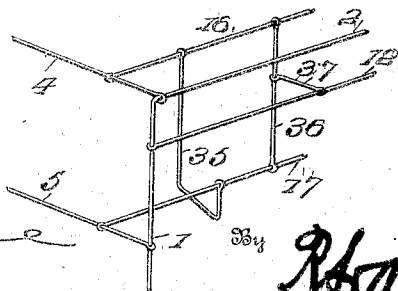


FIG. 3.



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UNITED STATES PATENT OFFICE.

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PAPER-BAG HOLDER.

No. 874,143.

Specification of Letters Patent.

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Application filed August 16, 1907. Serial No. 388,886.

To all whom it may concern:

Be it known that I, FRANK D. WHITE, citizen of the United States, residing at Alpena, in the county of Alpena and State of Michigan, have invented certain new and useful Improvements in Paper-Bag Holders, of which the following is a specification.

This invention relates to a rack or support for receiving paper sacks or bags of various sizes so that the merchant may have conveniently at hand receptacles in which articles of merchandise may be wrapped.

The invention has for its object a holder for paper bags which will be light in construction, neat in appearance, and efficient in operation.

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction and the means for effecting the result, reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment is shown in the accompanying drawings, in which:

Figure 1 is a perspective view of a paper bag holder embodying the invention. Fig. 2 is a side view thereof, partly in section. Fig. 3 is a detail perspective view of the upper inner corner portion of the holder.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The rack or holder is constructed chiefly of wire and comprises a series of compartments or receptacles of different sizes to receive paper bags or wrappers of various sizes according to the goods to be inclosed. The rack or holder may occupy any desired position, although it is chiefly intended to place it upon the counter, shelf or like support, so that the receptacles or compartments for receiving the paper bags or the like occupy a vertical position. It is to be understood that the device may be located in any position, but since the vertical position is preferred for convenience, the structure will be described hereinafter with reference to an upright or vertical position. The holder consists of complementary frames, longitudinal and transverse ties, and connecting

stays and article supports, the several parts being relatively arranged substantially as indicated. Each frame is of U-form and comprises uprights 1 and longitudinal members 2, the uprights and longitudinal member of a frame being parts of a wire bent into the form substantially as shown. The lower ends of the uprights 1 are formed into eyes 3 which are bent about at a right angle to rest upon the counter, shelf or other support and receive fastenings, if needs be, to secure the holder in the desired position. The U-shaped frames are spaced apart and are connected by longitudinal and transverse ties so as to form a substantial structure, said ties also serving in conjunction with the stays and article supports to provide the individual compartments in which are placed the bags or other articles for wrapping merchandise. The uprights 1 at either side of the holder are connected by means of transverse ties 4, 5, 6, 7 and 8. The uprights of the back frame are connected by means of longitudinal ties 9, 10 and 11. The uprights of the front frame are connected by the longitudinal ties 12 and 13. A series of longitudinal ties 14, 15 and 16 connect the upper transverse ties 4. A longitudinal tie 17 connects the transverse ties 5. A series of longitudinal ties 18, 19 and 20 connect the transverse ties 6. Longitudinal ties 21 and 22 connect the transverse ties 7. A longitudinal tie 23 connects the transverse ties 8.

The article supports consist of wires or rods having hooks at their lower ends and vary in lengths according to their relative position. The largest receptacles or compartments are located at the rear of the holder, whereas the smallest compartments are located at the front thereof. The article supports 24 are connected at their upper ends to the longitudinal or horizontal member 2 of the rear frame and their lower hooked ends are supported by the longitudinal tie 23. The lower ends of the article supports are inclined, thereby causing the upper ends of a pile of bags or wrappers to correspondingly incline, with the result that a portion of one bag projects higher than the other, thereby enabling the bags to be conveniently grasped, when it is required to withdraw one from the pile. The distance between the longitudinal ties 9, 10 and 11 at the back of the holder and the longitudinal ties 18, 21 and 23 corresponds to the thickness of the pile of bags or wrappers that may be conveniently placed

in any one of the rear compartments or receptacles. The vertical members of the article supports 24 pass in the rear of the longitudinal tie 9 and in front of the longitudinal ties 10 and 11 and are braced thereby. The width of the rear compartments is determined by transverse stays 25, 26 and 27 and by vertical stays 28 and 29. The transverse stays 25, 26 and 27 are in the same vertical plane. The transverse stays 25 are connected at their rear ends to the longitudinal member 2 of the rear frame and at their front ends to the longitudinal tie 15. The transverse stays 26 are connected at their rear ends to the vertical stays 29 and at their front ends to the longitudinal tie 19. The transverse stays 27 are connected at their rear ends to the longitudinal tie 10 and at their front ends to the longitudinal tie 21. The vertical stays 29 are connected at their upper ends to the longitudinal member 2 of the rear frame and at their lower ends to the longitudinal tie 11. The vertical stays 28 are connected at their upper ends to the longitudinal tie 14 and at their lower ends to the longitudinal tie 21. The vertical stays 28 and 29 and the transverse stays 25, 26 and 27 are in substantially the same transverse plane which is parallel with the sides of the structure or rack and which corresponds to a wall of the rear compartments or receptacles in which the bags or wrappers are placed.

The compartments or receptacles next in front of the rear compartments are of less length and are designed to receive shorter bags or wrappers. The article supports 30 are connected at their upper ends to the longitudinal tie 14 and at their lower ends to the longitudinal tie 22 and are braced in the rear by the longitudinal ties 18 and 21. The transverse stays 25 and 26 separate the compartments of which the article supports 30 form a part. While the rear compartments and those immediately in front are of the same width, they nevertheless vary in length to accommodate paper sacks or wrappers of the same width, but of different lengths. Other article supports 31 are connected at their upper ends to the longitudinal tie 15 and at their lower ends to the longitudinal tie 20 and are shorter than the article supports 24 and 30. Vertical stays 32 are connected at their upper ends to the longitudinal tie 15 and at their lower ends to the longitudinal tie 19. Transverse stays 33 and 34 connect longitudinal ties 15 and 16 and the vertical stays 32 and the longitudinal tie 17, and separate the compartments of which the article supports 31 form a part. Because of the decreased length of the compartments of which the article supports 31 form parts, the number is increased because the bags or wrappers being small admit of a greater number being provided in the space of the

length of the rack or holder. Other article supports 35 are connected at their upper ends with the longitudinal ties 16 and at their lower ends with the longitudinal tie 13. Vertical stays 36 connect ties 16 with the ties 17 and transverse stays 37 connect vertical stays 36 with the longitudinal tie 12. The vertical stays 36 and the transverse stays 37 are in the same plane, the several planes being parallel with one another and with the opposite sides of the rack and separating the compartments of which the article supports 35 form elements.

The holder is of such formation as to admit of the paper sacks being readily removed when required for use, the rack being so made that when standing on a counter or any other place, a man with one hand full, can, with the other hand, take out any size bag desired, without disturbing any of the others. The bags are intended to face the front of the rack, so that there is no lifting to be done. A man with one arm can take any bag he wants and cannot misplace any of the others in so doing. The bags are put in at the top of the rack with the bottom of the bag downward and with the folded bottom facing the front of the rack. Hence all the operator needs to do is to reach his hand in and get the bag desired, and only one bag will come out at a time, although, manifestly, he can take them out as fast as he likes.

The hook on the bottom is arranged aslant, which lets the bags slide forwardly as fast as they are removed. It will also be noted that the vertical and transverse stays, in addition to strengthening and bracing the structure, serve to separate the several piles of sacks of the same size, thereby preventing displacement of the sacks and holding the same in compact form.

Having thus described the invention, what is claimed as new is:

A rack or holder of the character specified, comprising complementary frames spaced apart, transverse ties connecting the upright members of said frames at intervals, longitudinal ties connecting both the transverse ties and the said upright members, a series of article supports having a progressive arrangement and forming compartments varying in length or depth, said compartments being arranged in different planes and one in front of the other, and vertical and transverse stays connecting the longitudinal ties to strengthen the frame and to form the series of compartments between the said complementary frames so as to retain the articles in the compartments against displacement.

In testimony whereof I affix my signature in presence of two witnesses.

FRANK D. WHITE. [L. s.]

Witnesses:

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