W. L. NUTTING.

DISPLAY RACK.

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918,080.

Patented Apr. 13, 1909.

Fig. 1.

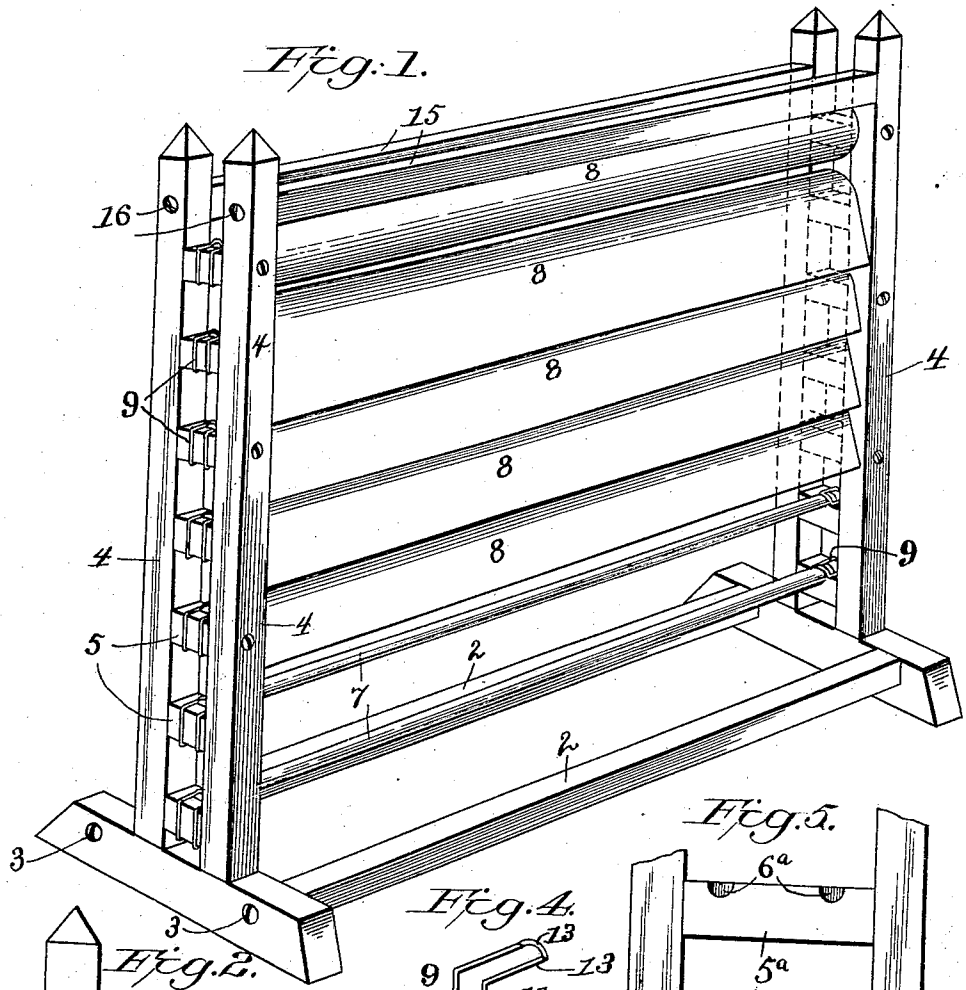


Fig. 2.

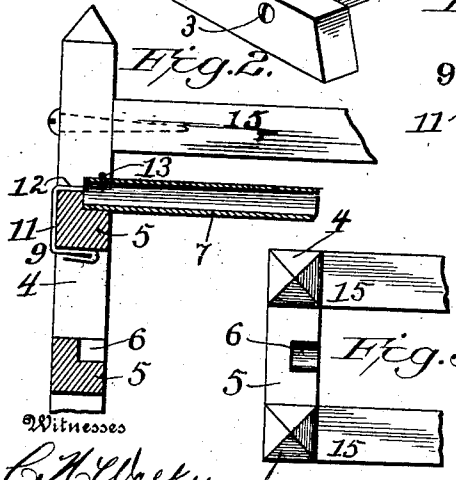


Fig. 4.

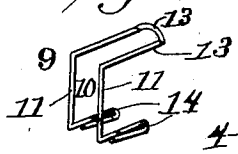


Fig. 5.

Fig. 3.

Witnesses

C. H. Walker

Inv. L. M. Eathran

Inventor,

William L. Nutting.

By E. C. Vrooman.

Attorney

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM L. NUTTING, OF GREENVILLE, NEW HAMPSHIRE.

DISPLAY-RACK.

No. 918,080. Specification of Letters Patent. Patented April 13, 1909.

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To all whom it may concern:

Be it known that I, WILLIAM L. NUTTING, a citizen of the United States, residing at Greenville, in the county of Hillsboro and State of New Hampshire, have invented certain new and useful Improvements in Display-Racks, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to improvements in display racks, and particularly to a rack adapted to display oil cloth and other fabrics in a rolled condition.

The object of the invention is the peculiar construction of a rack comprising a minimum number of parts, and which is provided with means for permitting a roll to be quickly placed in position thereon or detached therefrom.

Another object of the invention is the provision of means for facilitating the supporting of a roll in position for permitting the same to be unwound for displaying the cloth or goods.

With these and other objects in view, the invention consists of certain other novel constructions, combinations, and arrangements of parts, as will be hereinafter fully described and claimed.

In the drawings: Figure 1 is a perspective view of the preferred form of a device constructed in accordance with the present invention. Fig. 2 is a fragmentary, sectional view of the device. Fig. 3 is a fragmentary top plan view of the device. Fig. 4 is a perspective view of a detachable clamp, which may be used to securely fasten the bars or rods in position upon the supporting-block. Fig. 5 is a fragmentary view, partly in section, of another embodiment of the present invention.

Referring to the drawings by numerals, 1 designates the horizontal base pieces or members, which are connected by, preferably, a pair of horizontal beams or strips 2; these lower beams or members 2 are, preferably, positioned between the base members 1, and held in place by any suitable fastening means, as for instance, screws 3.

A pair of parallel, vertical standards 4, 4, are secured at suitable distances apart to the upper edge of each base member 1 so as to space the same apart, and interposed between the members of each pair are horizontal, transverse supporting-blocks 5. Each supporting-block is provided with a horizontal semi-cylindrical socket 6, which is open, at its outer end, for receiving the ends of detachable bars or rods 7, which detachable bars or rods, are, preferably, formed of hollow material, as for instance, a tube or pipe, and said bars or rods constitute a supporting and engaging-member, around which rolls 8 are wound, said bars being constructed of a continuous diameter. The rolls 8 may be of any suitable material that can be rolled, as for instance, oil cloth, linoleum, wall paper, etc.

It is to be noted that each horizontal cut-out portion or pocket 6 has a shoulder 6′, which serves to contact with the terminal of the rods when rotated in the pockets and provides means for preventing lateral or longitudinal displacement of the bars or rods 7 upon the transverse supporting-blocks under normal conditions. However, in some instances, it may be desirable to positively retain the bars 7 against displacement, when the rack is partly turned over, or when the rack is being moved or placed in different positions in a room, and, consequently, I have provided a peculiar detachable clamp 9, which is, preferably, formed from a single piece of resilient wire, and comprises a body portion 10 formed of two parallel, vertical portions 11. The upper, horizontal portion is formed by two parallel portions 12 integrally connected by an upwardly or outwardly bowed portion 13, which conforms to the shape of the supporting-member constituted by the pipe or rod 7. The lower horizontal portion of the clamp is formed by two parallel portions 14 of the wire, and, it will, therefore, be noted that the portion 13 straddles the end of the member, which is seated in the transversely-extending notched portion or pocket 6 formed in the block, and that the parallel upper and lower portions of the clamp engage the upper and lower horizontal faces of the block, Fig. 2. This clamp is an efficient clamp or fastening means for positively securing the supporting-member or bar 7 from displacement, although I do not necessarily limit myself to the employment of the same under all conditions, in which my display rack is employed.

While I employ lower, parallel, horizontal beams 2, connecting the base members 1, I also employ upper, parallel, horizontal beams or members 15, each of which is secured to one upright 4, in each of the pairs carried by said base members 1. The upper beams 15

are, preferably, secured in place by any suitable fastening means, as for instance, horizontally-positioned screws 16. These beams 15 prevent the standards from being spread apart, and they constitute a brace for the whole structure, besides permitting a small roll to be placed between said members and dropped into the cut-out portions or sockets 6 formed in the upper blocks 5, Fig. 3, thereby facilitating the positioning of the first roll, if it is desired not to insert the same by placing said roll under the beams 15 prior to inserting the ends of the supporting-member or rod, within said roll, into the sockets of the upper bracing and supporting-blocks.

In Fig. 5, I have shown an embodiment in which substantially the same structure is involved, as hereinbefore described, except that the transverse bracing and strengthening blocks 5^a are each provided with a plurality of horizontal cut-out portions or pockets 6^a, so that a plurality of rolls may be supported upon the rack in the same horizontal plane.

It is to be noted that each cut-out portion or pocket 6 is, preferably, semi-cylindrical in shape, and this socket, together with the semi-circular clamping-end 13 of the clamp constitutes expansible surrounding means carried by each block for receiving and holding the end or ends of a supporting-member against displacement off of the rack.

What I claim is:

A display rack comprising transverse base pieces each having a pair of standards rising vertically upward therefrom and spaced apart from each other, said standards having longitudinal braces secured to the upper ends thereof, a plurality of blocks equally spaced apart and secured between the standards, each block having semi-cylindrical sockets therein with contiguous vertical shoulders, rollers having continuous diameters with their opposite ends mounted midway in said sockets and having their terminals contacting with the vertical shoulders to prevent lateral movement of said rollers, means detachably secured to each of the blocks and having curved portions which overhang and contact with the ends of the rollers which project above the sockets of the blocks and said means serving to prevent upward movement of said ends of the rollers, substantially as specified.

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

WILLIAM L. NUTTING.

Witnesses:

N. A. HALL,

H. C. HARTWELL.