July 13, 1937. G. L. HENDRIX 2,087,149

TROUSERS RACK AND HANGER UNIT

Filed March 23, 1936

Fig. 1

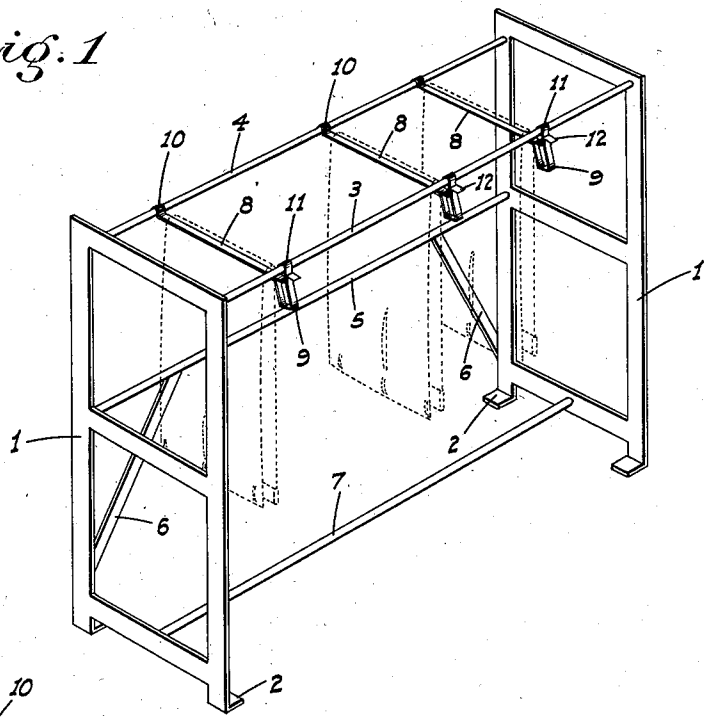
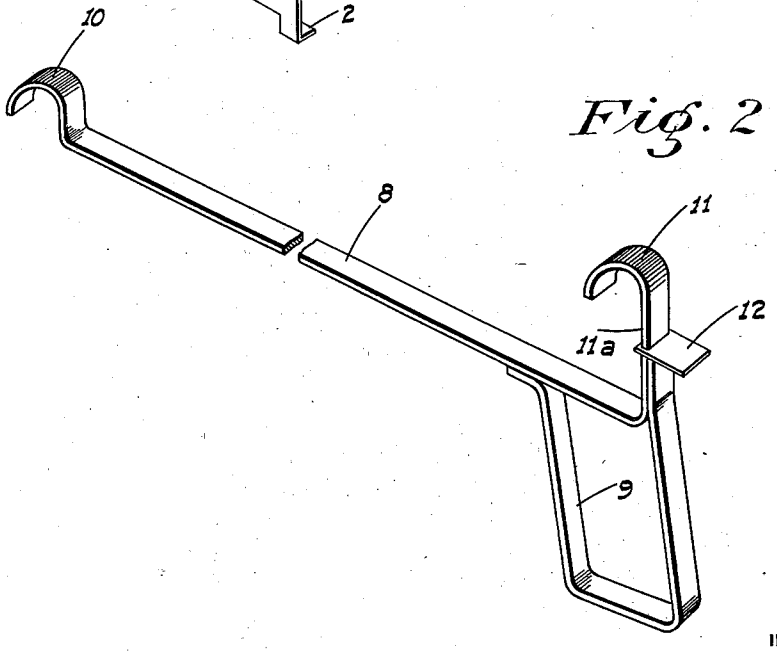


Fig. 2



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Patented July 13, 1937 2,087,149

UNITED STATES PATENT OFFICE

2,087,149

TROUSERS RACK AND HANGER UNIT

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Application March 23, 1936, Serial No. 70,215

3 Claims. (Cl. 211—162)

This invention relates generally to a display rack and is directed in particular to a trousers rack and hanger unit.

Prior to my invention, a merchant's stock of trousers was usually stacked on tables with the trousers placed one upon the other. This rendered it extremely difficult to see the different patterns and the pulling out of one pair of trousers was a cumbersome procedure and it was difficult to maintain the piles of trousers in neat order.

It is the principal object of my invention to provide a trousers display rack and hanger unit through the medium of which large stocks of trousers may be easily and effectively displayed in a manner rendering them readily accessible for withdrawal and inspection.

It is also an object of my invention to provide a single and effective means to attach the size and price tag on the hangers.

A further object of the invention is to produce a simple and inexpensive device and yet one which will be exceedingly effective for the purpose for which it is designed.

These objects I accomplish by means of such structure and relative arrangement of parts as will fully appear by a perusal of the following specification and claims.

In the drawing similar characters of reference indicate corresponding parts in the several views:

Fig. 1 is a perspective view of the rack on which the hangers are supported and illustrating several hangers thereon.

Fig. 2 is a perspective view of one of the hangers.

Referring now more particularly to the characters of reference on the drawing, the rack on which the hangers are supported comprises spaced vertical end frames 1 having supporting feet 2 formed at the lower edge thereof.

Transversely spaced rods 3 and 4 respectively extend between and are secured at their ends to the end frames 1 adjacent the top edges thereof; the rod 3 being secured to the end frames in a horizontal plane slightly higher than of the rod 4. A back rod 5, braced as at 6, and bottom rod 7 are also provided to complete the rack.

These racks may be of any desired suitable material and of such length and height as may be found practical. In substance, each rack provides a pair of spaced rods 3 and 4; the rod 3 lying in a higher plane than the rod 4.

Each hanger comprises a trousers bar 8 of suitable material provided at its outer end with a depending, outwardly sloping hand grip 9. The trousers bar 8 is formed at its inner end with a hook 10 to engage over the rear rod 4 from the front, and is formed at its outer end with a hook 11 to engage the front rod 3 from the front and which hook has a relatively long shank 11a for the reason hereinafter described.

Price and size tags or tickets 12 of suitable shape are provided with openings conforming to the cross sectional area of the shank of hook 11 which projects therethrough to support the tag in the manner illustrated in Figure 2.

To engage a hanger with the rack, the handle 9 is grasped in the hand and the hanger bar moved back under the front rod 3 and so that the hook 10 is above the plane of the back rod 4. When the shank 11a comes in contact with the rod 3, both hooks will then be in vertical alinement with their respective rods, and they will instantly drop into place on the rods when the hand is released. The shank 11a thus forms a stop and locating means for both hooks.

The purpose of rod 3 being higher than rod 4 is to counteract the difference in level of the two hooks and keep the pants supporting bar 8 horizontal. Once in place on the rods, the hangers may be slid along the rods without fear of disengagement, since a hanger cannot be removed until hook 10 is raised clear of rod 4 which then allows hook 11 to be removed from rod 3.

The trousers are, as illustrated in dotted lines in Figure 1, folded over the hanger bar 8 and the size and price indicated on the tag 12. A large number of pairs of trousers may thus be supported side by side on the rack with the size and price tag always visible.

A customer may walk along the rack until he sees a pattern which catches his eye. The salesman then grasps the handle 9 of the hanger on which the selected trousers are suspended and by a simple movement remove that pair from the rack and hold it up for display. After the inspection, he may—with equal ease—return the hanger to the rack if no sale is made.

From the foregoing description it will be readily seen that I have produced such a device as substantially fulfills the objects of the invention as set forth herein.

While this specification sets forth in detail the present and preferred construction of the device, still in practice such deviations from such detail may be resorted to as do not form a departure from the spirit of the invention, as defined by the appended claims.

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

1. A trousers rack and hanger unit including a rear horizontal rod, a front horizontal rod spaced transversely from and disposed in a higher horizontal plane than the rear rod, means supporting the rods in fixed relation, a trousers supporting bar disposed transversely beneath the rods, a rigid rearwardly facing hook extending upwardly from each end of the bar and removably engaging over the corresponding rod from the front, the shanks of said hooks being of a length to maintain the bar horizontally disposed, and a gripping handle formed on the front end of the bar and depending therefrom.

2. A trousers rack and hanger unit comprising with horizontal front and rear rack rods, means supporting the rods in fixed relation, a hanger for removable engagement with the rack rods and including a transverse supporting bar, rigid hooks on the bar at its ends disposed in rearwardly and downwardly facing relation and of a size and spacing to engage the hanger rods; the shank of the front hook projecting upwardly from the bar and the spacing of the bar from the point of the hook being greater than the diameter of the front hanger rod whereby as the bar is moved into position adjacent and under the front rod and tilted up at its rear end so that the rear hook is disposed above the rear rod, said hook shank will form a stop against which the front rod abuts to limit the movement of the bar and locate the hooks in position for engagement with the rods.

3. A device as in claim 2, with a handle depending from the bar at its front end and disposed at an obtuse angle relative to the under face of the bar.

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