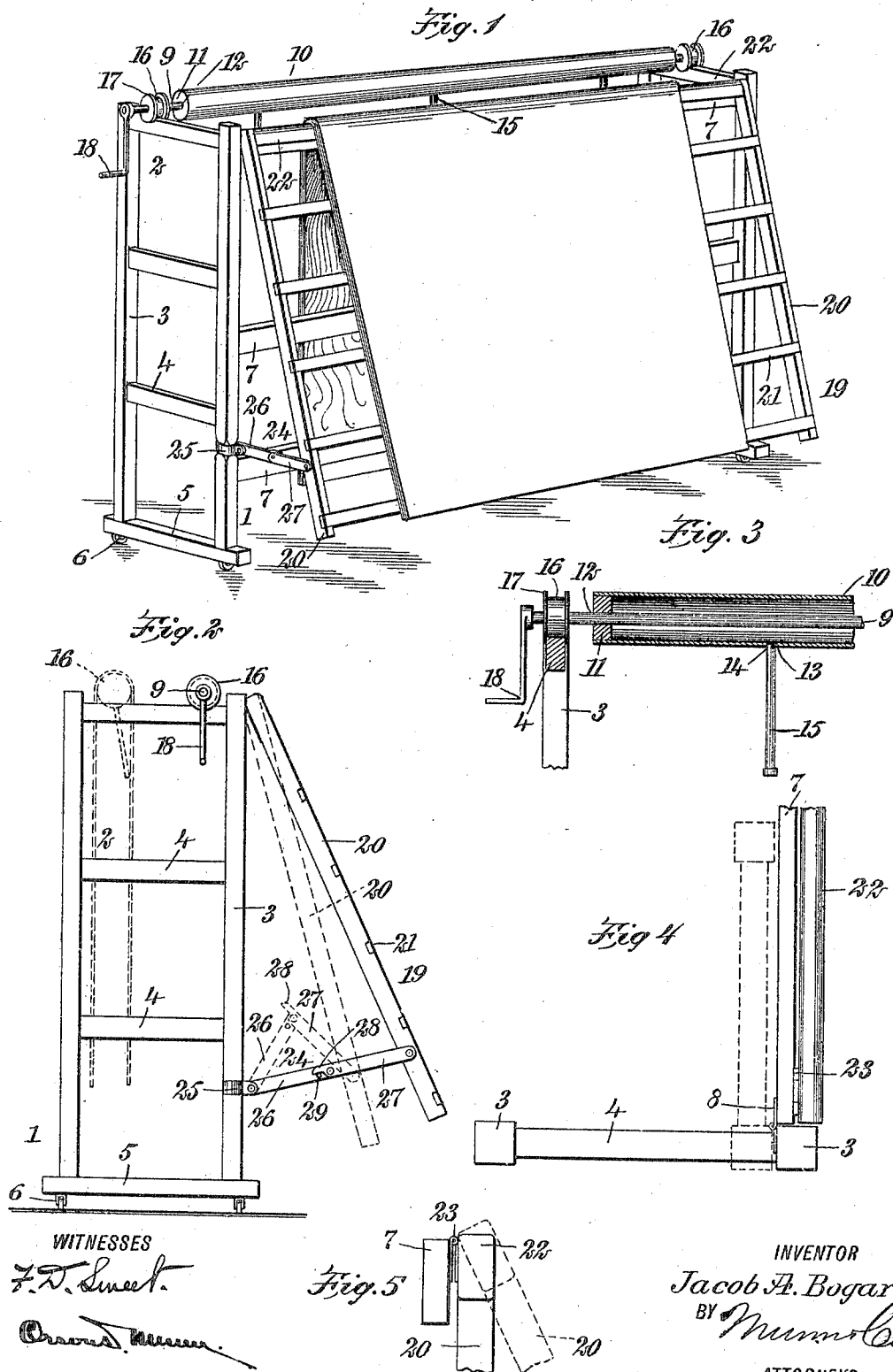


J. A. BOGAR.
 DISPLAY RACK.
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948,203.

Patented Feb. 1, 1910.



WITNESSES
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Fig. 5
 7 23 22 20 20

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DISPLAY-RACK.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JACOB A. BOGAR, a citizen of the United States, and a resident of Lykens, in the county of Dauphin and State of Pennsylvania, have invented a new and Improved Display-Rack, of which the following is a full, clear, and exact description.

This invention relates to display racks, and more particularly such as are provided with frames, on which rugs, wall paper or the like, can be suitably arranged for display purposes, and which are further provided with means whereby any desired number of objects on display can be temporarily removed from the frames to disclose a desired one originally concealed by the same on account of their super-position.

An object of the invention is to provide a device of the class described, simple and serviceable in construction and inexpensive to manufacture, on which objects for display can be removably arranged, and which includes means for temporarily displaying any desired number of objects.

A further object of the invention is to provide a display rack which is so constructed that it can be easily moved from one place to another, and which, when not in use, can be folded, so that it will require only a small space for storing.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of an embodiment of my invention; Fig. 2 is an enlarged side elevation of the same, showing, in dotted outline, the display frame in a partially folded position; Fig. 3 is an enlarged longitudinal section of a part of the roller and its controlling mechanism; Fig. 4 is an enlarged plan view of a portion of the device, showing the hinge connections of the upper longitudinal supporting member with the top bar of the display frame and with one of the end members of the main frame, the view also showing in dotted outline, the end member of the main frame in a folded position; and Fig. 5 is an enlarged elevation of a detail of the construction of the device, showing the upper longitudinal supporting member of the main frame, and the upper part of the display

frame, the view showing in full lines the display frame in the folded position and in dotted outline the said frame when in the display position.

Before proceeding to a more detailed description of my invention, it should be understood that great difficulty has been found in the past in suitably displaying rugs, wall paper and the like, because of the fact that trouble arises from the necessity of removing those objects concealing the one which is to be displayed. To obviate this difficulty, I have provided a rack which includes an adjustable frame on which the objects to be shown are carried. Movably arranged on the rack is a roller which may be positioned either adjacent to, or away from, the upper edge of the display frame.

When it is desired to remove temporarily certain of the objects, to disclose a desired one originally concealed by the same, owing to their super-position, the objects are folded back over the roller, after the latter has been adjusted in place adjacent to the top of the display frame. When the desired object has been reached, the roller carrying the discarded objects, is then moved away from the frame so that the desired object will be suitably disclosed. To return the discarded objects to their original position, the roller is moved back adjacent to the frame and the samples removed therefrom.

In the specific form shown in the drawings, I provide a frame 1, which includes end members 2, consisting of uprights 3, cross bars 4 joining the uprights, and foot bars 5, the latter having casters 6 secured thereto so that the device may be easily moved from one place to another. Secured to one of the uprights 3 of each of the end members, by means of hinges 8, are longitudinal supporting members 7. I also provide a shaft 9 which movably carries a roller 10, the latter having its ends closed by means of heads 11, provided with openings 12, which act as bearings for the shaft 9. The roller is further provided with a plurality of threaded openings 13 adapted to receive the correspondingly threaded ends 14 of stops 15. These stops, when the roller is in a normal position, serve to prevent the objects from slipping, or from causing the roller to turn.

Rigid with the shaft 9, and located at a short distance from the ends of the roller, are two wheels 16 provided with flanges 17.

As shown most clearly in Fig. 3, these wheels engage the top edge of the upper cross bars 4 of the end members, so that the shaft and roller may be suitably positioned for operation, the cross bars acting as guide rails. Located adjacent to one of the wheels and secured to the shaft 9 is a crank 18, by which the device may be manually operated. I further provide a display frame 19 consisting of side members 20, slats 21 joining these side members, and a top bar 22. The top bar is movably secured to the upper longitudinal supporting member 7 by means of hinges 23. This construction allows the display frame 19 to have its lower end positioned away from the frame 1, as shown most clearly in Figs. 1 and 2 of the drawings.

To secure the display frame in the extended position, I employ a locking member 24, which consists of a collar 25 adapted to be movably arranged about one of the uprights 3 of one of the end members, the upright being suitably shaped to allow the free movement of the collar, and links 26 and 27 respectively. The link 26 is pivotally secured to the collar, as well as to one end of the link 27; the latter link is pivotally secured to the side of one of the side members of the display frame. The link 27 is further provided with an extension 28 which, when the display frame is in the extended position, engages a stop 29 on the side of the link 26, to hold the links rigidly in alignment.

When it is desired to store the device, the roller is first removed and then the display frame is allowed to fall back against the longitudinal members of the frame 1, and the end members are folded back so that each rests against the rear of the longitudinal supporting members.

It should be further understood that I do not limit myself to the particular construction shown in the drawings, as others equally advantageous may be employed without departing from the spirit or the scope of the invention.

The stops 15 of the roller, when an article is carried by the latter and depends therefrom, engage the article and tend to prevent the rotation of the roller as the crank is turned, so that the shaft 9 turns freely within the roller to advance the same along the guide rails 4. In this way the articles can be removed to a point away from the display frame without danger of having the articles fall from the roller.

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

1. In a device of the class described, a frame having foldable end members, a display frame carried by said frame, and a roller adapted to receive a number of objects from said display frame, and to be supported

adjacent to said display frame, said end members serving to permit said roller to be moved away from said display frame.

2. In a device of the class described, a frame having guideways thereon, a display frame carried by said frame, and a roller adapted to receive objects from said display frame, the roller being movable on said guideways toward and from the display frame.

3. In a device of the class described, a supporting frame having members constituting guide rails, a display frame adjustably carried by the supporting frame, a shaft provided with flanged wheels engaging the said guide rails and movable toward and from the display frame, and a roller carried by said shaft.

4. In a device of the class described, a supporting frame, a display frame, carried by the supporting frame and on which the objects to be shown are carried, and a receiving member movably arranged on the supporting frame and adapted to be adjusted away from the display frame or moved adjacent to said display frame, and over which objects on the display frame may be folded when the said receiving member is in position adjacent to the said display frame, the said receiving member being provided with a plurality of stops projecting downward therefrom and adapted to engage an object to hold said receiving member against rotation while carrying said objects from and toward the display frame.

5. In a display rack, a frame having end members each provided at the top with a guideway, a display frame carried at the front of said first mentioned frame, and means for receiving objects from the display frame, the said means comprising a longitudinally extending member movably arranged at the top of the first mentioned frame and extending parallel with the upper part of said display frame, and a shaft extending loosely through said member and provided at its ends with wheels for engaging and moving on said guideways.

6. In a device of the class described, a frame having foldable end members, a display frame carried by said frame, and a receiving member movable on the end members toward and from the display frame when the end members are in the extended position, and arranged to engage and hold said end members in the extended position, the said receiving member being adapted to receive objects from said display frame.

7. In a display rack, a main frame provided with end members having upper cross bars constituting guide rails, and longitudinal members having a hinged connection with said end members, a display frame having a top bar hinged to the upper longitudinal member of said main frame, means for

holding the lower end of said display frame away from the main frame, and a member for receiving objects from the display frame the said member extending parallel with the top bar of the display frame and movable on said guide rails toward and from the display frame.

8. In a device of the class described, a frame provided with end members constituting guide rails, a display frame adjustably carried by said first-mentioned frame, a roller adapted to receive a number of objects from said display frame, said roller being adapted to move upon said guide rails to hold said objects at a distance from said frame, and means on said roller to prevent said objects from slipping thereoff when said roller is being moved.

9. In a device of the class described, a frame provided with end members adapted to rest upon the ground, longitudinal members having hinged connection with said end members, a display frame having its upper portion hinged to one of said longitudinal members, means for holding the lower end of said display frame extended, and a roller for receiving objects from said display frame, said roller being adapted to move

along said end members to hold said objects at a distance from said display frame.

10. In a device of the class described, a supporting frame, a shaft movably mounted upon said frame, and a roller loosely carried by said shaft and adapted to receive articles, said roller having a stop adapted to engage an article to prevent the rotation of said roller when said shaft is rotated.

11. In a device of the class described, a supporting frame having members constituting guide rails, a display frame adjustably carried by the supporting frame, a shaft provided with wheels engaging the said guide rails and movable toward and from the display frame, and a receiving member loosely carried by said shaft and adapted to receive objects from the display frame, the said shaft being provided with a crank for manually operating the same.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JACOB A. BOGAR.

Witnesses:

EMMA MILLER,
BLANCHE E. FRANK.