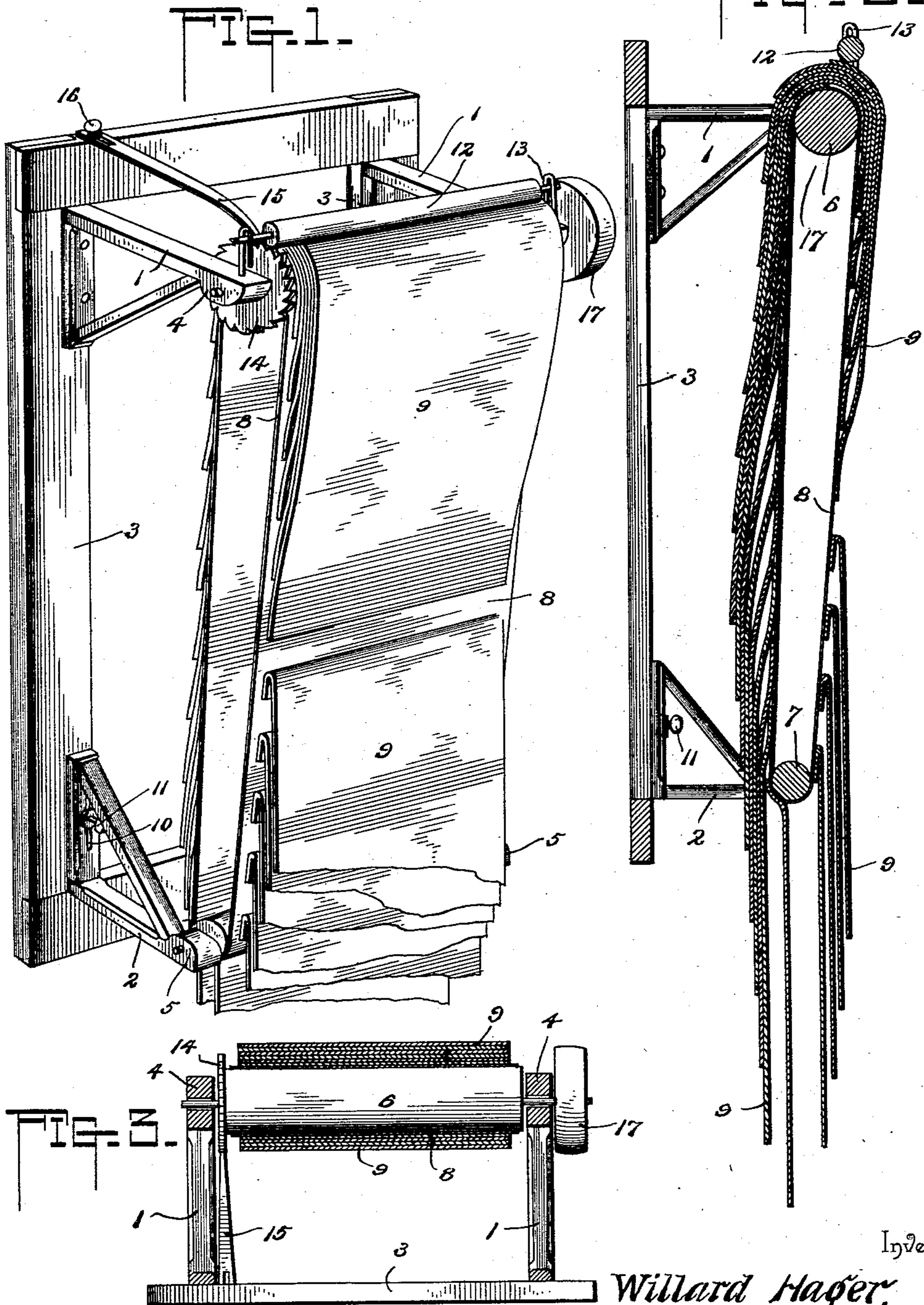


(No Model.)

W. HAGER.
DISPLAY RACK.

No. 570,704.

Patented Nov. 3, 1896.



Inventor

Willard Hager,

Witnesses

A. M. Poynton.

By his Attorneys,

J. H. Riley

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

WILLARD HAGER, OF ATHOL CENTRE, MASSACHUSETTS.

DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 570,704, dated November 3, 1896.

Application filed May 23, 1896. Serial No. 592,767. (No model.)

To all whom it may concern:

Be it known that I, WILLARD HAGER, a citizen of the United States, residing at Athol Centre, in the county of Worcester and State of Massachusetts, have invented a new and useful Display-Rack, of which the following is a specification.

The invention relates to improvements in display-racks.

10 The object of the present invention is to provide a simple and comparatively inexpensive device designed to be employed in various stores where dry goods, wall-paper, and other similar rolled material are sold, and adapted to receive a number of samples and
15 of advantageously displaying them successively to enable persons to make their selections before the goods are placed upon a counter, thereby lessening the amount of handling
20 necessary for the sale of goods and to a great extent preventing goods from becoming soiled and shopworn.

The invention consists in the construction and novel combination and arrangement of
25 parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a display-rack constructed in accordance with this invention. Fig. 2 is a vertical
30 sectional view of the same. Fig. 3 is a transverse sectional view.

Like numerals of reference designate corresponding parts in all the figures of the drawings.
35

1 and 2 designate upper and lower brackets extending horizontally from a vertical frame or support 3, which is oblong, being composed of parallel sides and ends; but it may
40 be constructed in any other suitable manner. The upper and lower brackets, which are preferably triangular, are provided with bearings 4 and 5, receiving journals of upper and lower rolls 6 and 7, and an endless belt or
45 apron 8 is arranged on the rolls and is adapted to receive samples 9. The lower brackets are provided at their attachment arms or portions with longitudinal slots 10, receiving clamping-screws 11 to enable the brackets to

be adjusted to stretch the endless belt or 50 apron to the desired tension.

The samples 9, which are disposed at intervals and which are pasted or otherwise secured to the belt or apron at their lower ends, are arranged thereon with their right sides
55 inward, whereby when the rack is operated to advance the outer leaf of the belt or apron and move downward from the upper roll to the lower one the pieces or samples of the material displayed will fall successively and
60 present their right sides outward, and each piece or sample is successively displayed in an advantageous position for view and examination, as its free edge is at the bottom while it is being displayed. 65

The pieces or samples are caused to fall successively when the belt or apron, which may be constructed of any suitable material, is advanced by means of a roll 12, which is located above the upper roll 6 and is adapted
70 to rest upon the samples or pieces at the top of the rack and prevent more than one falling at the same time. The roll 12 is provided with journals or gudgeons, which are arranged in guides 13, mounted on the upper brackets
75 1 and extending upward from the horizontal arms thereof adjacent to the bearings 4. The guides 13 are provided with openings to receive the journals of the roll 12, and the weight of the latter rests upon the pieces or
80 samples, as the journals are adapted to move freely in the openings of the guides.

The upper roll, which is of greater diameter than the lower one, carries a ratchet-wheel 14, which is engaged by a resilient pawl 15,
85 secured to the support or frame at the top thereof and extending outward and engaging the ratchet-wheel at the top thereof. The inner end of the resilient pawl is slotted and adjustably secured to the support or frame
90 by a clamping-screw 16, and its outer end, which engages the top of the ratchet-wheel, presses against the same, preventing any retrograde rotation and operating as a brake
95 to prevent any accidental forward rotation.

A pulley or hand-wheel 17 is connected with one of the journals of the upper roll 6, and the rack may be either operated by hand or

by any suitable power, as desired. The display-rack is designed to be mounted on a wall, post, or other suitable support, and it is especially advantageous for use in stores, as it
5 will not take up any floor-room.

It will be seen that the display-rack is exceedingly simple and inexpensive in construction, that it is adapted to successively and advantageously display a series of pieces or
10 samples, and that it will enable purchasers to make their selections without handling the goods themselves.

Changes in the form, proportion, and minor details of construction may be resorted to
15 without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

1. In a device of the class described, the combination with a support, of upper and
20 lower brackets, the lower bracket being adjustably secured to the support and capable of upward and downward movement to regulate the tension of the device, upper and lower horizontal rolls journaled in the bearings, an
25 endless belt or apron arranged on the rolls and adapted to receive pieces or samples to

be displayed, a ratchet-wheel mounted on the upper roll, and a resilient pawl engaging the top of the ratchet-wheel, substantially as described. 30

2. In a device of the class described, the combination with a support, of upper and lower brackets provided with bearings, the upper and lower horizontal rolls journaled in the bearings, an endless belt or apron arranged on the rolls and adapted to receive
35 pieces or samples to be displayed, guides mounted on the upper brackets and provided with openings, a roller located above the upper roll and having journals arranged in the
40 openings of the guides, a ratchet-wheel mounted on the upper roll, and a resilient pawl extending outward from the top of the support and engaging the top of the ratchet-wheel, substantially as described. 45

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLARD HAGER.

Witnesses:

ENOCH T. LEWIS,
OTHELLO A. FAY.