

No. 739,085.

PATENTED SEPT. 15, 1903.

J. H. KAMERER.
DISPLAY STAND.

APPLICATION FILED JAN. 27, 1903.

NO MODEL.

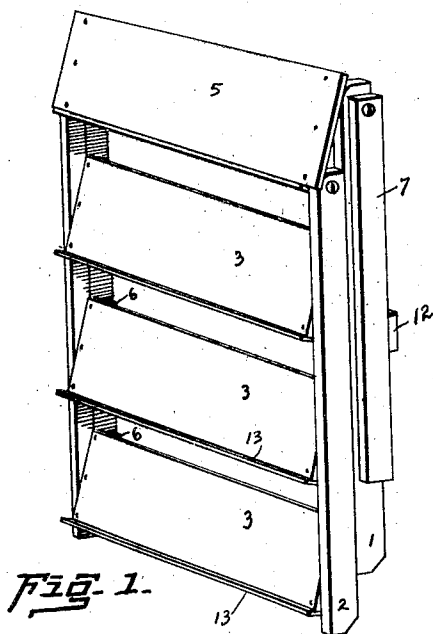


Fig. 1.

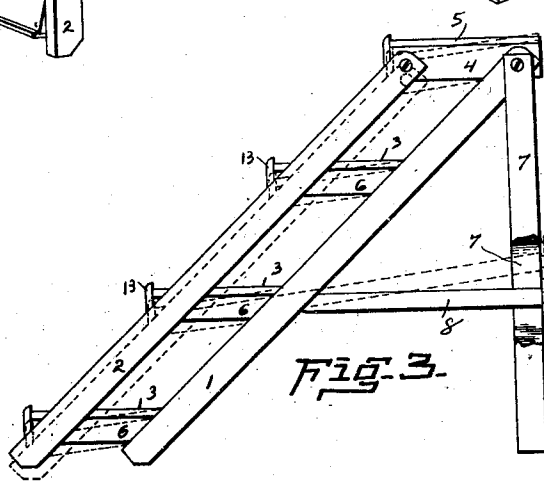
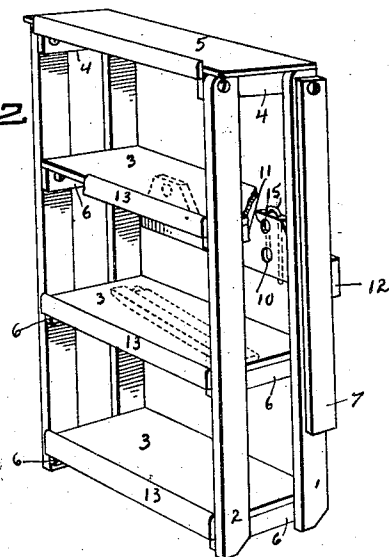


Fig. 3.

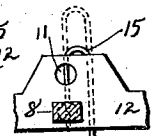


Fig. 4.

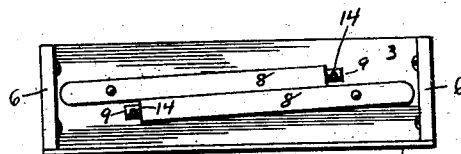


Fig. 5.

WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN H. KAMERER, OF HARTVILLE, OHIO, ASSIGNOR OF ONE-HALF TO
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DISPLAY-STAND.

SPECIFICATION forming part of Letters Patent No. 739,085, dated September 15, 1903.

Application filed January 27, 1903. Serial No. 140,814. (No model.)

To all whom it may concern:

Be it known that I, JOHN H. KAMERER, a citizen of the United States, residing at Hartville, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Display-Stands; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the figures of reference marked thereon, in which—

Figure 1 is a perspective view showing the stand folded. Fig. 2 is a perspective view showing the stand in an upright position. Fig. 3 is an end view showing the display-shelves placed in a horizontal position. Fig. 4 is a view showing a portion of the back bar. Fig. 5 is a bottom or under side view of one of the shelves and illustrating the retaining-bars folded.

The present invention has relation to display-stands calculated for use in show-windows or other places where it may be desired to display goods or flowers.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, 1 and 2 represent the shelf-supporting bars, which are formed of a length to correspond substantially with the height of the stand and to which bars are pivotally attached the shelves 3, which shelves are spaced from each other, substantially as illustrated in the drawings.

To the top or upper ends of the shelf-supporting-bars 1 and 2 are attached the cross-bars 4, said cross-bars being pivotally connected, and to which cross-bars is attached the top or upper shelf 5, which upper shelf is formed of a length so that it will extend over the top or upper ends of the bars 1 and 2. The object and purpose of extending the upper shelf 5 over the top or upper ends of the supporting-bars 1 and 2 is to prevent the stand when brought into the position illustrated in Fig. 2 from tilting. This result is accomplished by forming the top or upper ends of the supporting-bars 1 and 2 square, as illustrated in the drawings, and so arranging said supporting-bars and connecting them to the cross-bars 4 that when the stand

proper is brought into a true vertical position the square ends of the supporting-bars will come directly under and in contact with the extended ends of the upper shelf 5.

For the purpose of allowing the supporting-bars 1 and 2 to be placed at an angle, as illustrated in Fig. 3, the forward corners of the supporting-bars 1 and 2 are rounded, so as to permit the turning of said bars upon their pivotal points, at which time the square ends are moved at an angle to the under edge of the upper shelf. It will be understood that by this peculiar arrangement the stand proper cannot be tilted forward owing to the fact that the square ends of the supporting-bars strike or come in contact with the bottom or under side of the shelf 5, and when the stand proper is placed against the wall or other support it will remain in an upright position.

For the purpose of providing suitable supports for the shelves 3 said shelves are provided with the bars 6, to which bars are securely attached in any convenient and well-known manner the shelves and the cross-bars, pivotally attached by suitable bolts or their equivalents to the supporting-bars 1 and 2.

To the top or upper ends of the supporting-bars 1 and to the cross-bars 4 are pivotally attached the bars 7. The bars 7 are located as illustrated in Fig. 3 with reference to the supporting-bars 1 and 2 when it is desired to bring the stand into the position illustrated in said Fig. 3, and for the purpose of holding the stand in that position the pivoted arms 8 are provided, which pivoted arms are placed in the position illustrated in Fig. 3 and their rounded ends 9 passed through suitable apertures 10 or 11, formed in the cross bar or stay 12.

When it is desired to hold the shelves 3 and 5 in a true horizontal position, the pivoted arms 8 are connected to the lower apertures 10; but when it is desired to incline the shelves 3 and 5, so as to better expose to view the articles contained thereon, the pivoted arms 8 are connected to the upper apertures 11, this feature being better illustrated in dotted lines, Fig. 3.

For the purpose of preventing the articles

from sliding off from the shelves their forward edges are provided with the ribs or flanges 13, the tops of which extend above the upper surfaces of the shelves, as illustrated in the drawings.

It will be understood that by my peculiar arrangement I am enabled to place the display-stand either in the position illustrated in Fig. 2 or in the position illustrated in Fig. 3, the position having reference to the place where the display-stand is to be used. It will be understood that in some instances it is desirable to use the stand in the position illustrated in Fig. 2 and in other instances it is desirable to use the stand in the position illustrated in Fig. 3. It will be understood that the cross bar or stay 12 is to be securely attached to the pivoted bars 7, so that as said bars are moved they will be held parallel to each other.

For the purpose of securely holding the stand in the position illustrated in Fig. 3 the rounded ends 9 are provided with the apertures 14, which apertures are for the purpose of receiving the staples 15, which staples are so constructed that they can be moved up and down, one tang of the staple being located in one aperture formed in the cross bar

or stay and the other tang in a different aperture, one of said apertures being formed so as to cut the apertures 10 and 11 at right angles.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a display-stand shelf-supporting bars, shelves provided with cross-bars and the cross-bars pivotally attached to the supporting-bars, the uppermost shelf extended over the ends of the supporting-bars and the upper ends of the supporting-bars provided with square portions having rounded corners, bars pivoted to the supporting-bars and having attached thereto a cross bar or stay, said cross bar or stay provided with apertures and staples, arms pivoted to one of the shelves and their free ends provided with apertures all arranged, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN H. KAMERER.

Witnesses:

F. W. BOND,

J. A. JEFFERS.