

(No Model.)

E. E. DUFFEE.
DISPLAY RACK.

No. 580,383.

Patented Apr. 13, 1897.

Fig. 1

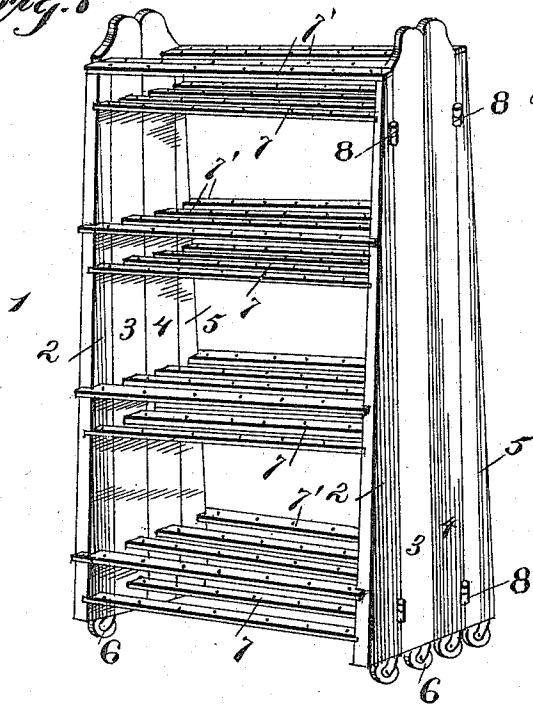


Fig. 2

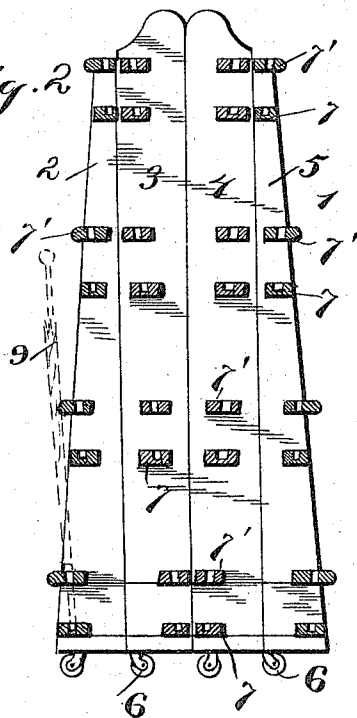
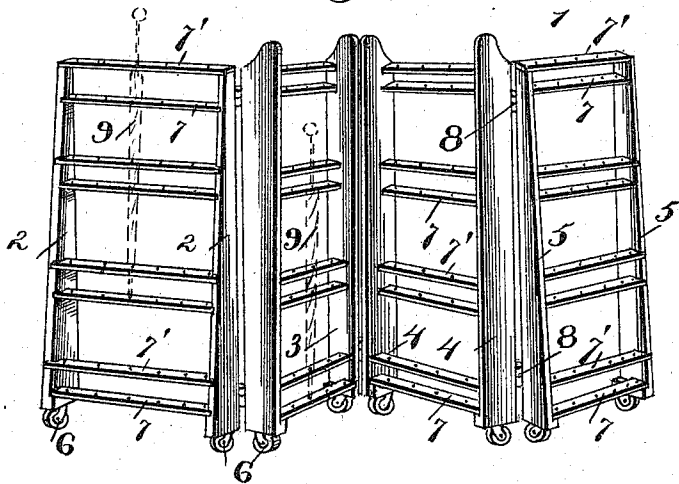


Fig. 3.



Witnesses

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DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 580,383, dated April 13, 1897.

Application filed March 4, 1896. Serial No. 581,735. (No model.)

To all whom it may concern:

Be it known that I, EDWARD E. DUFFEE, a citizen of the United States, residing in the city of Jamestown, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Display-Racks for Umbrellas and other Articles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

The object of my invention is to make a cheap and convenient display-rack for umbrellas, parasols, and such other articles of like nature as tradesmen desire to have held in large or small quantities without injury in a compact space, yet which may on occasion, as for show-window use, be so spread out as to display the entire stock in the rack.

In racks for holding and displaying umbrellas and parasols anything which touches the silk wears a smooth spot which shows, thus damaging the article and its sale. This I entirely avoid, the umbrella being held by the point by two supports and at such an angle or incline as not to come in contact with any part of the rack or its contents. Racks of the form shown will hold sixteen dozen umbrellas, and when the rack is closed it occupies only a floor-space of eighteen by thirty inches.

The rack is capable of instant adjustment to show any and all umbrellas in the rack, and is made in an endless variety of forms to fit different spaces, as desired, all of which will be fully understood from this specification and the accompanying drawings, in which—

Figure 1 is a side elevation of my display-rack closed. Fig. 2 shows a vertical section of the closed rack, showing the holes and their angle of incline. Fig. 3 is a view of the rack spread out.

The rack 1 is divided into the parts 2 3 4 5, which are hinged together screen fashion by hinges 8 8 8 and supported by the casters 6 6, which casters are placed on diagonally opposite corners of each part, as shown, which arrangement admits of their supporting the heavy weight of the full rack, without tipping, in the many different positions to which it may be adjusted, and the rack opens out or closes much easier than if more casters were used.

The cross-pieces 7 7^x are placed just far enough apart so that umbrellas may be placed in the rack by passing the point through the hole in cross-piece 7^x and rest in the hole in 7, which hole goes only half-way through said cross-piece 7, which arrangement does not allow the umbrella to rest on the ferule or cap at the end of the silk or cover just above 7^x, but at a short distance from it. The stick thus rests lightly against the side of the hole in 7^x, and, while it is held securely, yet the umbrella cannot receive harm from handling the rack or pushing or jostling against it. The holes are bored at such an angle in 7^x that the umbrella 9, in Fig. 2, or other article will not touch the cross-piece above or the articles in the bank or tier above. The cross-pieces are so arranged in parts 3 and 4 that there is a gradual incline from the bottom to the top of the rack, leaving the opening much wider at the top of the rack than at the bottom between these cross-pieces, and the rack can be closed when full without injury to the articles from crowding or crushing. The same arrangement of the cross-pieces is seen also in parts 2 5, they being made wider at the bottom than at the top, that the contents of the rack may take up the least possible space.

It will readily be understood that my display-rack may be made of wood, metal, or other suitable material and may be made with more or less sections and different forms from the rack shown.

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

In display-racks for umbrellas, a rack consisting of sections hinged together and capable of folding or separating to different lines or angles, the sections being provided with strips arranged in pairs, the lower one of each pair being indented, and the upper one formed with perforations, the pairs being arranged so that the umbrellas are engaged and held by the point below the cover, substantially as shown and described.

In testimony that I claim the foregoing I hereunto set my hand in the presence of two witnesses.

EDWARD E. DUFFEE.

Witnesses:

H. P. SHELDON,
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