

No. 842,929.

PATENTED FEB. 5, 1907.

E. B. WESTON.
DISPLAY RACK.
APPLICATION FILED JUNE 9, 1906.

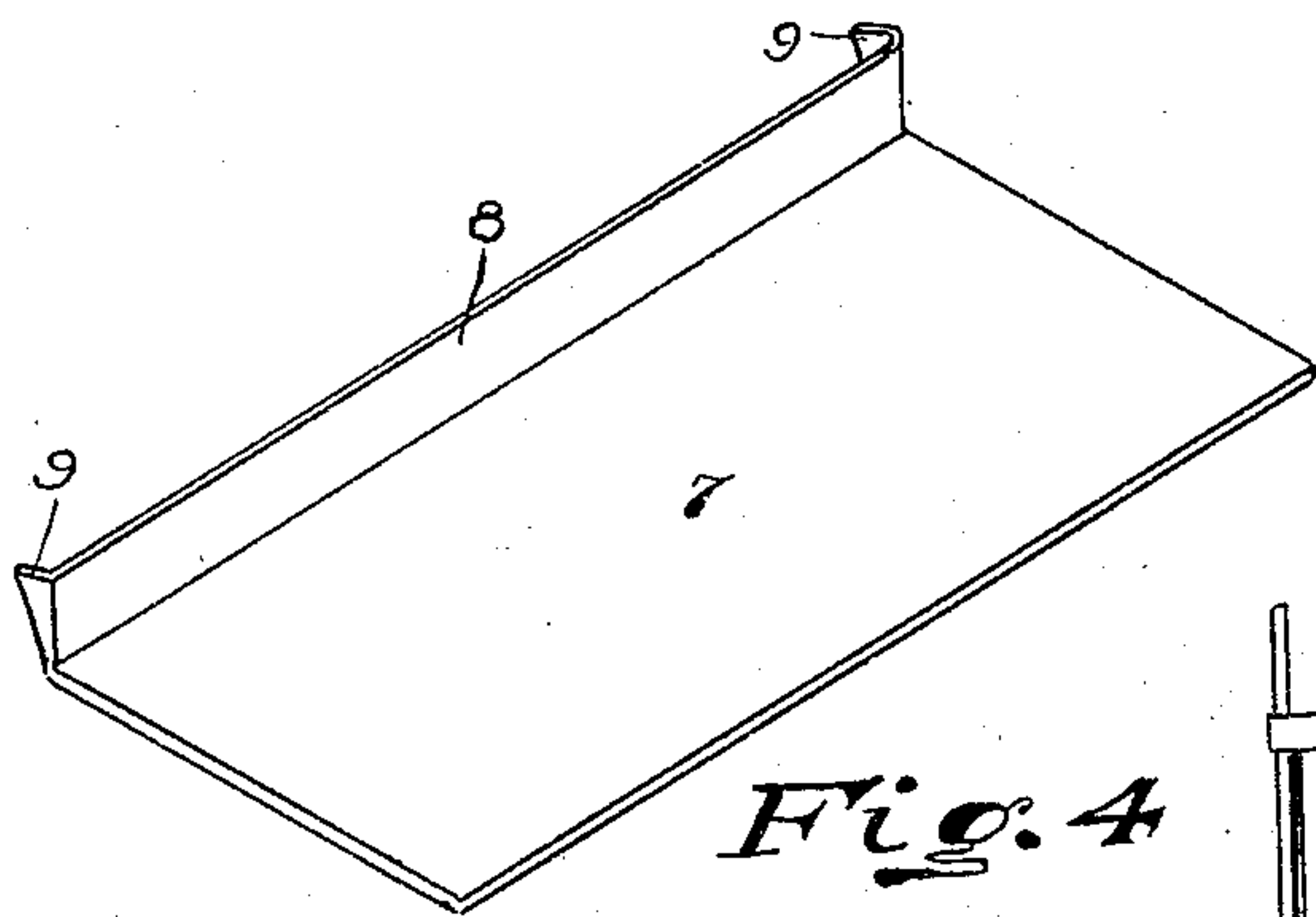


Fig. 4

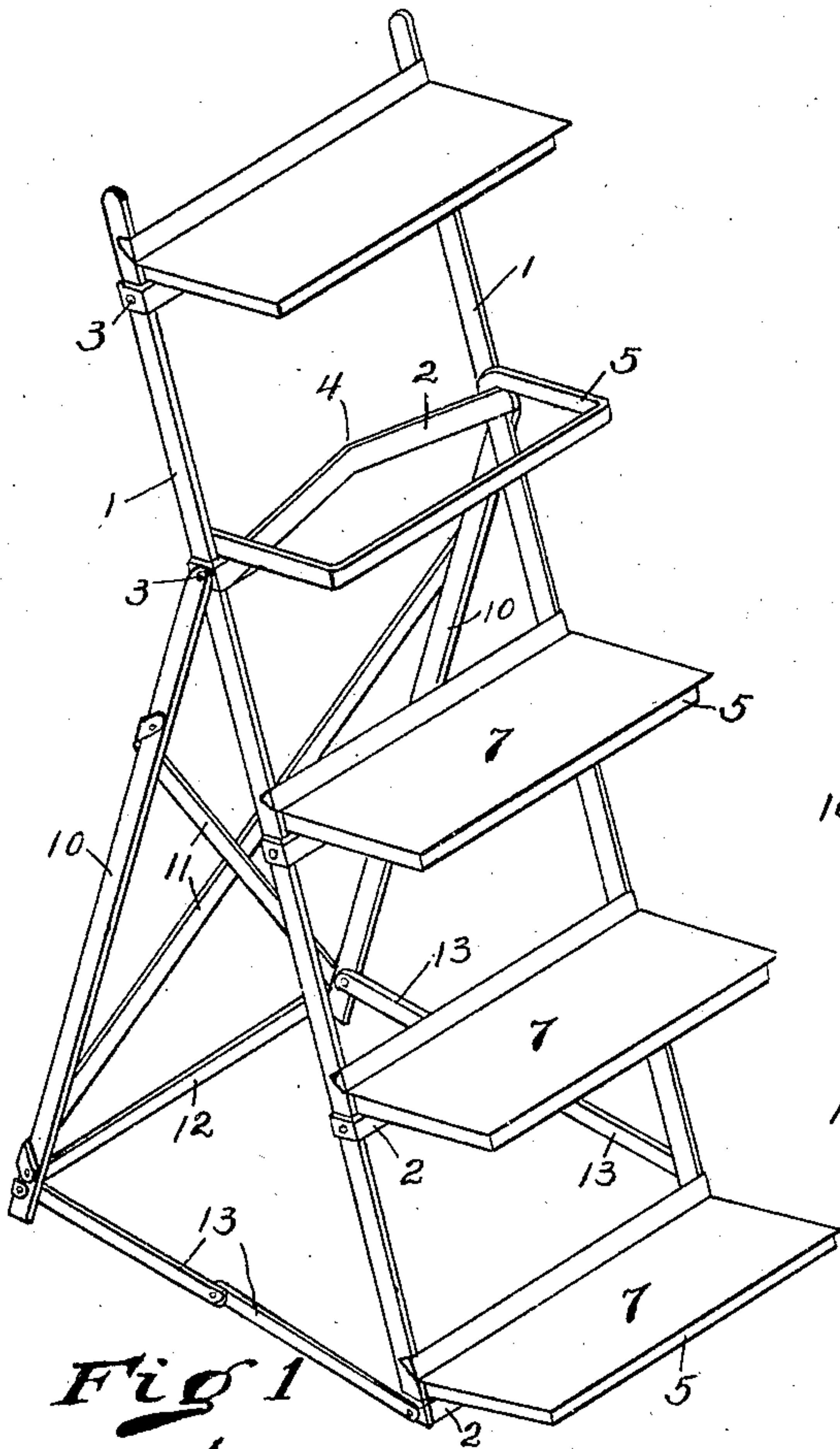


Fig. 1
Witnesses

George Broemner
Glen Pritchard

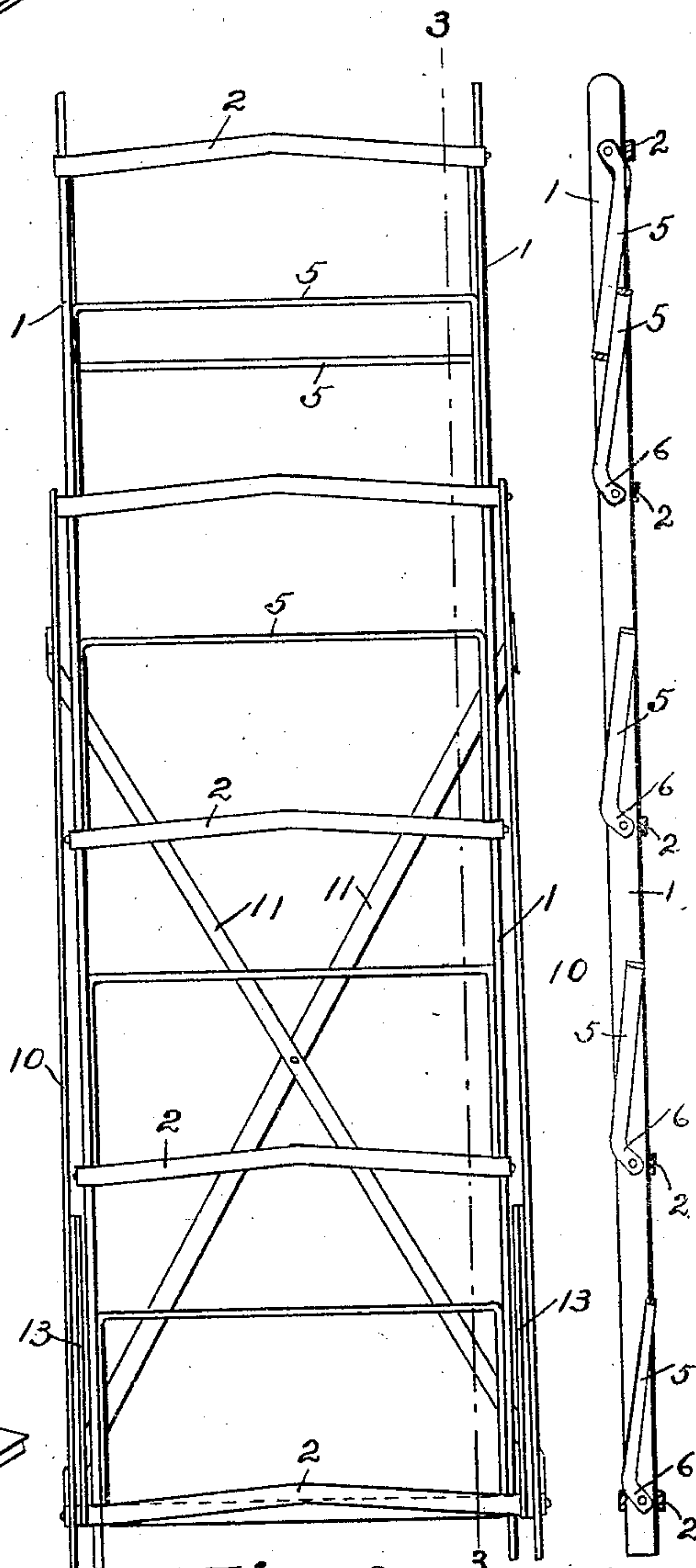


Fig. 2 Fig. 3
Inventor

Edward B. Weston
by Alfred M. Allen
Attorney

UNITED STATES PATENT OFFICE.

EDWARD B. WESTON, OF DAYTON, OHIO.

DISPLAY-RACK.

No. 842,929.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed June 9, 1906. Serial No. 321,066.

To all whom it may concern:

Be it known that I, EDWARD B. WESTON, a citizen of the United States, and a resident of Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Display-Racks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to racks or stands for the display of goods and merchandise in which the rack may be cheaply constructed out of metal strips, whereby the requisite strength for withstanding the strains incident to the display of goods of considerable weight on the rack is obtained, and in which, at the same time, the rack can be readily and easily folded together or knocked down, so that it can be stored and transported in convenient shape for handling and so as to occupy but very little space.

The purpose of my present construction is to provide a series of hinged frames which can be readily folded up between the side standards, and when extended the frames, in connection with the cross-braces of the standards, shall serve as a support for metallic shelves to be laid upon the supporting framework.

In the drawings, Figure 1 is a perspective view of my improved rack. Fig. 2 is a front elevation of the rack folded. Fig. 3 is a side elevation of same, and Fig. 4 is a perspective view of one of the metallic shelves.

The rack is made up of a main frame consisting of side standards 1 1, held and braced together by the cross-bars 2 2. These cross-bars have their ends turned at right angles, so as to extend in front of the side standards, and are riveted at 3 3 to the side standards. The middle portion of the cross-braces 2 2 is raised, so that the upper edge of the middle portion 4 of the cross-bars is on a line with the hinged frames 5 5. These frames 5 5 are provided with the side arms, which are bent downward at 6 6 and hinged to the side standards 1 1 on the same rivet 3, by which the cross-bars 2 2 are secured to the side standards. By reason of this construction when the frames 5 are opened out they

will be supported by the cross-bars 2 in a horizontal position, and in connection with the raised edge of the cross-bars a substantial supporting-surface will be provided for the metallic shelf-plates 7. These shelf-plates are preferably provided with the flange 8 and side wings 9 9, which embrace the side standards and hold the shelves in position.

The rack-framework is supported by the bars 10 10, pivoted to the side standards and braced together by the diagonal bars 11 11 and the bottom cross-bars 12, and the bottom of the supports is connected with the side standards by the links 13 13, hinged together in the usual step-ladder construction.

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

1. In a display-rack, the combination with metallic side standards and open metallic frames hinged thereto, of cross-braces for the standards to serve as a support for the metallic frames with the middle portion of the cross-braces raised to a level with the supporting edge of the frames when extended, substantially as described.

2. In a display-rack, the combination with metallic side standards and open metallic frames hinged thereto, of cross-braces for the standards to serve as a support for the metallic frames with the middle portion of the cross-braces raised to a level with the supporting edge of the frames when extended, said frames turned downward at their inner ends and hinged on the rivets for the cross-braces, substantially as described.

3. In a display-rack, the combination with metallic side standards and open metallic frames hinged thereto, of cross-braces for the standards to serve as a support for the metallic frames with the middle portion of the cross-braces raised to a level with the supporting edge of the frames when extended, and metallic shelves to rest on said frames and cross-braces, with flanges thereon to embrace the side standards to hold the shelves in place.

4. In a display-rack, the combination with metallic side standards and open metallic frames hinged thereto, of cross-braces for

the standards to serve as a support for the
metallic frames with the middle portion of the
cross-braces raised to a level with the sup-
porting edge of the frames when extended,
5 said frames turned downward at their inner
ends and hinged on the rivets for the cross-
braces, and metallic shelves to rest on said

frames and cross-braces, with flanges there-
on to embrace the side standards to hold the
shelves in place.

EDWARD B. WESTON.

Witnesses:

ALFRED McCRAY,

EUGENE B. HUFFMAN.