

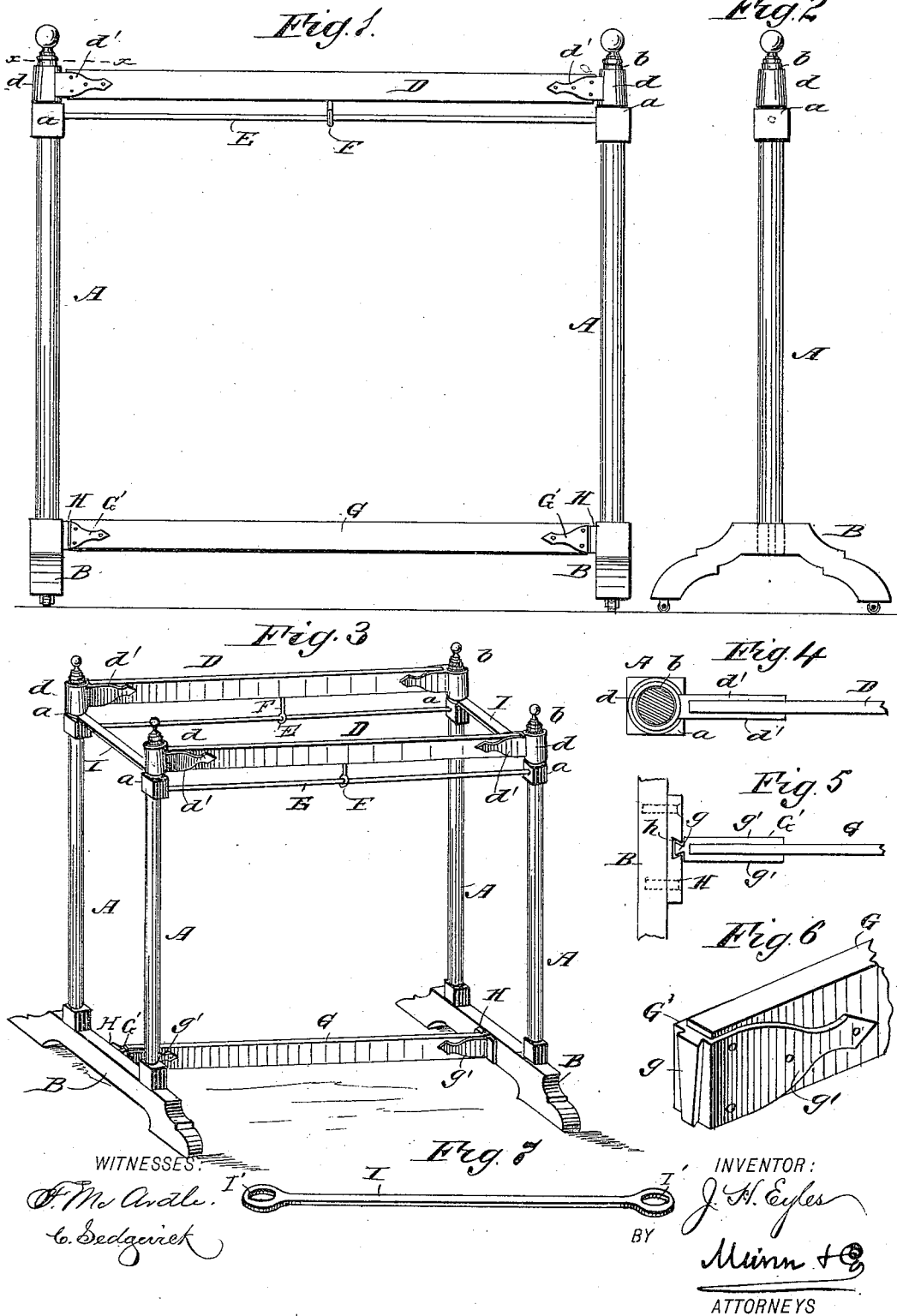
(No Model.)

J. H. EYLES.

RACK FOR EXHIBITING CLOAKS, &c.

No. 430,340.

Patented June 17, 1890.



UNITED STATES PATENT OFFICE.

JOHN H. EYLES, OF NEW YORK, N. Y.

RACK FOR EXHIBITING CLOAKS, &c.

SPECIFICATION forming part of Letters Patent No. 430,340, dated June 17, 1890.

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To all whom it may concern:

Be it known that I, JOHN H. EYLES, of the city, county, and State of New York, have invented a new and Improved Rack for Exhibiting Cloaks, &c., of which the following is a full, clear, and exact description.

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

Figure 1 is a side elevation of a single-bar rack made in accordance with my invention. Fig. 2 is an end view of the same. Fig. 3 is a perspective view of a double-bar rack made in accordance with my invention. Fig. 4 is a detail plan view on the line *xx* of Fig. 1. Fig. 5 is a detail plan view showing the connection of one end of the foot-bar to one of the foot-pieces of the rack. Fig. 6 is an enlarged perspective view of one end of the foot-bar, and Fig. 7 is a perspective view of one of the tie-plates for the posts of the double rack.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

A A represent the posts framed into the foot-pieces B B. The upper end of each post is turned to form a shoulder *a* and a bearing *b* above the frame, preferably cylindrical in form, to receive the shell or sleeve *d*, secured one at each end of the bar D. The shells *d* are of metal, cast with the cheek-pieces *d'*, which embrace and are secured to the said bars D, and the said shells are by preference slightly tapering to form a close fit with the bearings *b*, which are by preference slightly conical. These bars and shells securely join the posts A, but may be removed and replaced at pleasure—that is, they may be removed after the rods E have been removed, which pass through the posts below the bars D and are united to the bars by eyebolts F.

In the single rack I use but a single pair of posts and one rail D and rod E; but in the double form of rack I use four posts, and of course two rails and rods D E. In each case the foot-pieces B B are joined in the center by a connecting-strip G. This is readily removable. It is provided at each end with a casting G', formed with a tapering or key-

stone-shaped and dovetailed lug *g* and cheek-pieces *g' g'*, which embrace and are secured to the ends of the strip. Each foot-piece is provided in the center with a plate H, formed with a tapering and dovetailed channel *h* to receive the lug *g* or castings G'. By simply lifting upon the cross-piece G it detaches itself from the foot-pieces, and it may be as easily put in place in setting upon the rack. In the double rack each pair of posts in each foot-piece is connected together by a removable plate or rod I, formed with a loop or ring I' at each end to fit over the bearings *b* between the sleeves *d* and the shoulders *a*, so that the said rings are clamped and held tightly. By this construction the rack is made very strong and durable and may be taken apart for shipment and easily set up for use.

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

1. An exhibition-rack comprising two opposite continuous and rigid foot-pieces B, having holding-plates H secured thereto, and opposite uprights A, mortised into said foot-pieces and each formed at its upper end with a bearing *b*, in combination with a continuous cross-piece G, having locking-lugs at its ends to engage with the holding-plates of the foot-pieces, and a rigid and continuous top cross-bar provided at each end with a shell to fit upon the bearings at the top of the uprights A, substantially as described.

2. An exhibition-rack comprising two opposite and rigid foot-pieces having holding-plates secured thereto and each provided with two rigidly-held uprights A, each formed at its upper end with a bearing *b*, in combination with a continuous cross-piece G, having locking-lugs at its ends to engage with the holding-plates of the foot-pieces, the two opposite removable plates I, parallel with the foot-pieces and each fitted at its ends to the uprights attached to the same foot-piece, and the two opposite and parallel top cross-bars D, fitted at their ends upon uprights secured to opposite foot-pieces, substantially as described.

3. The rigid foot-pieces B, having central holding-plates H and rigid uprights, in com-

5 bination with the cross-piece G, having holding-lugs at its ends to engage with the holding-plates H, the top parallel cross-bars D, fitted upon the upper ends of uprights, the plates I, parallel with the foot-pieces and attached at their ends to the uprights of the same foot-piece, and the rods E beneath the

top bars D and attached at their ends to the opposite uprights, substantially as described.

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Witnesses:

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