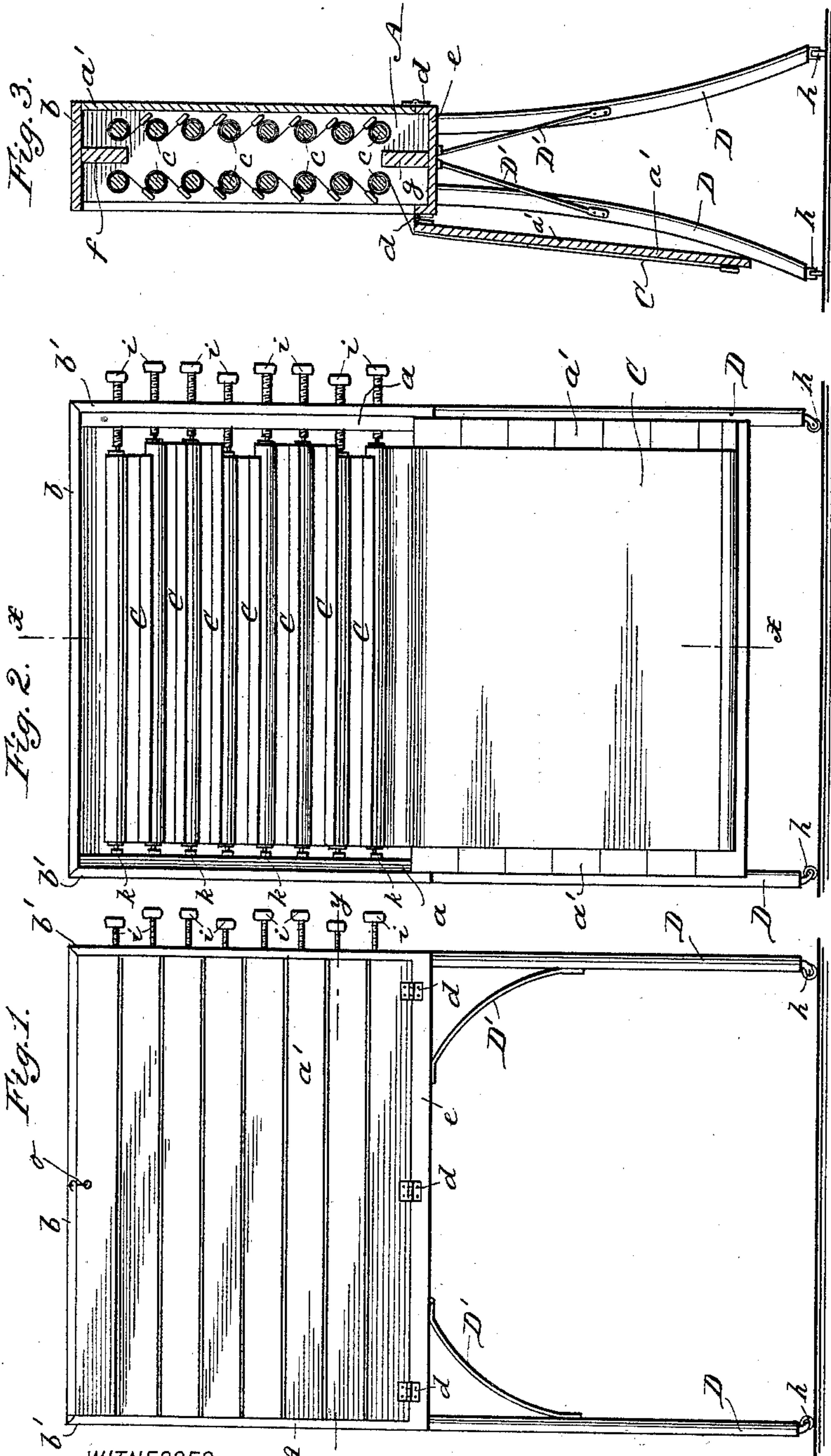


(No Model.)

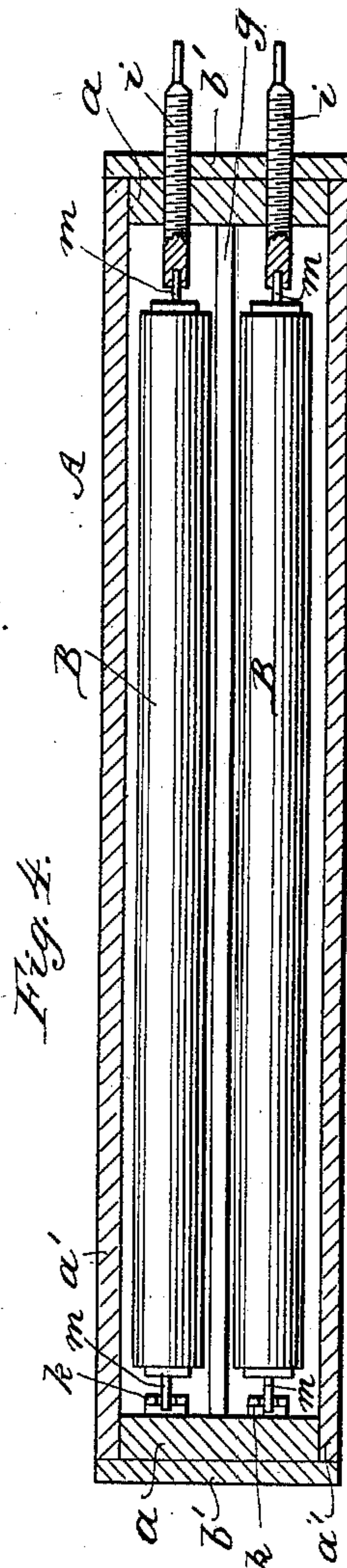
E. McMANUS.
WINDOW SHADE EXHIBITOR.

No. 422,146.

Patented Feb. 25, 1890.



WITNESSES:
J. C. Reusch.
C. Sedgwick.



INVENTOR:
E. McManus
BY Munn & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

EDWIN McMANUS, OF RANDOLPH, NEW YORK.

WINDOW-SHADE EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 422,146, dated February 25, 1890.

Application filed September 25, 1889. Serial No. 324,999. (No model.)

To all whom it may concern:

Be it known that I, EDWIN McMANUS, of Randolph, in the county of Cattaraugus and State of New York, have invented a new and Improved Window-Shade Exhibitor, of which the following is a full, clear, and exact description.

The objects in view are to provide a convenient portable device which will receive and support a number of curtains or window-shades and permit the ready display of any one or more at the same time, provision being made for the return of the shades to rollers in compact form when desired. The device also comprises a means for the secure housing and protection of the display-samples when not on exhibition.

To these ends the invention consists in certain features of construction and combinations of parts, which will hereinafter be described, and indicated in the claims.

Reference is to be made 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 the exhibitor with the display-samples of window-shades inclosed to protect them from injury. Fig. 2 represents a side elevation of the device with one side opened to permit the unrolling of the sample-shades, one being partially lowered to exhibit it. Fig. 3 is a transverse sectional elevation taken on the line x x in Fig. 2, and Fig. 4 is an enlarged plan view in section taken on the line y y in Fig. 1.

The upper and main portion of the shade-exhibitor consists of a frame A of rectangular form and suitable dimensions for its designed uses. Its component parts are two upright end boards b' , held spaced apart by the top and bottom pieces b e and other connected parts as follows: Two vertical strips or stiles a are secured to the end boards b' to render the same stable and for another purpose, which will appear.

To render the frame A more substantial the stiffening-webs f g are secured across the frame interiorly, these being attached to the top and bottom pieces b e by adjacent edges, and by their ends to the stiles a about the center of width of the latter. Opposite doors

a' are provided to close the open sides of the frame A. These may be paneled or otherwise constructed as may be preferred, and are hinged to the frame on its lower piece e , as at d , that they may hang pendent when open. The dimensions of the doors a' are such, relatively, that they will neatly fit in the side openings of the frame A, and when closed may be secured by the hooks and eyes o or other means.

The frame A is mounted upon the legs D, or any other support of ornamental design may be substituted therefor. The curved legs shown are preferred, as these are strong, neat, and of simple construction. On the lower ends casters h are attached to the four legs to provide for portability of the entire structure. Stay-braces D' extend across the corners where the frame and legs join to stiffen the connection of the latter with the frame. At spaced intervals of height there is a series of elongated thumb-screw bolts i inserted through threaded holes made for their reception in the stile a , and on the opposite stile in corresponding planes the bracket-blocks k are attached.

The bracket-blocks are centrally perforated to receive the pintle ends of rollers c , which are designed to support window-shades used as samples, and the inner ends of the thumb-screw bolts i are axially perforated to retain in horizontal parallel planes the several rollers that are provided with the usual springs to automatically roll up the attached shades.

As shown in Fig. 3, two series of spaced rollers c are furnished. These are arranged near the doors a' . Different styles, qualities, and patterns of curtains or window-shades of flexible material may be secured to the rollers at one end of said shades in the usual manner for mounting such articles. When so adjusted, they can be all rolled upon their respective rollers with the lower ends conveniently projected, as represented in Fig. 3, while any number may be drawn down and allowed to overlap the upper portion of the shade below it, so that comparative inspection may be had of the whole number of shades thus exposed.

The convenience for exhibition, compact structure, portability, ease in operation to ex-

hibit the samples contained in it, and low cost of production are claimed to be advantages pertaining to this device.

The exhibitor may be made with a single series of shade-supports, and then a single door will serve to permit the free display of contained sample window-shades. In some cases the supporting-legs D may be dispensed with and the frame A be mounted on a counter.

Other slight changes might be made in the form of the device within the scope of my invention; hence I do not desire to limit its construction to the exact form shown.

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

1. In a window-shade exhibitor, the combination, with an upright supporting-frame, and a door hinged to depend from the lower edge of the frame, of a series of shade-rollers revolvably supported within the frame on perforated bracket-blocks, and aligning axially-perforated set-screw bolts, substantially as set forth.

2. In a window-shade exhibitor, the combination, with a rectangular frame having supports whereon it may be rolled, and two doors located oppositely which are hinged to the lower edge of the frame, of duplicate series of shade-rollers held spaced apart in vertical planes parallel to each other by two series of perforated bracket-blocks and axially-perforated thumb-screw bolts, substantially as set forth.

3. In a window-shade exhibitor, the combi-

nation, with a rectangular frame and legs for the frame having casters, of two hinged pendant doors, a series of spaced perforated bracket-blocks which are adapted to loosely support the pintles of shade-rollers at one end of the same, a corresponding series of axially-perforated thumb-screw bolts which removably support the other pintle ends of shade-rollers, and a series of shade-rollers, substantially as set forth.

4. In a window-shade exhibitor, the combination, with a rectangular frame, of bracket-blocks attached at one end on the inside, and thumb-screws projected through the other end and having their inner ends adapted to receive the pintle of a curtain-roller, substantially as shown and described.

5. In a window-shade exhibitor, the combination, with a rectangular frame having stiles affixed at its sides within, four legs provided with casters, and two doors hinged to its lower cross-piece so as to hang pendent, of two series of bracket-blocks which are perforated for pintles, two corresponding sets of thumb-screws also perforated, the blocks and set-screws being arranged at spaced intervals of height on the stiles oppositely, and two sets of rollers which are supported by the blocks and set-screws and are adapted to retain window-shades for exhibition or in close-rolled condition, substantially as set forth.

EDWIN McMANUS.

Witnesses:

D. R. S. WILCOX,
H. G. JONES.