

(No Model.)

E. A. BULLARD.

EXHIBITOR FOR WINDOW SHADES, MAPS, &c.

No. 396,463.

Patented Jan. 22, 1889.

Fig. 1.

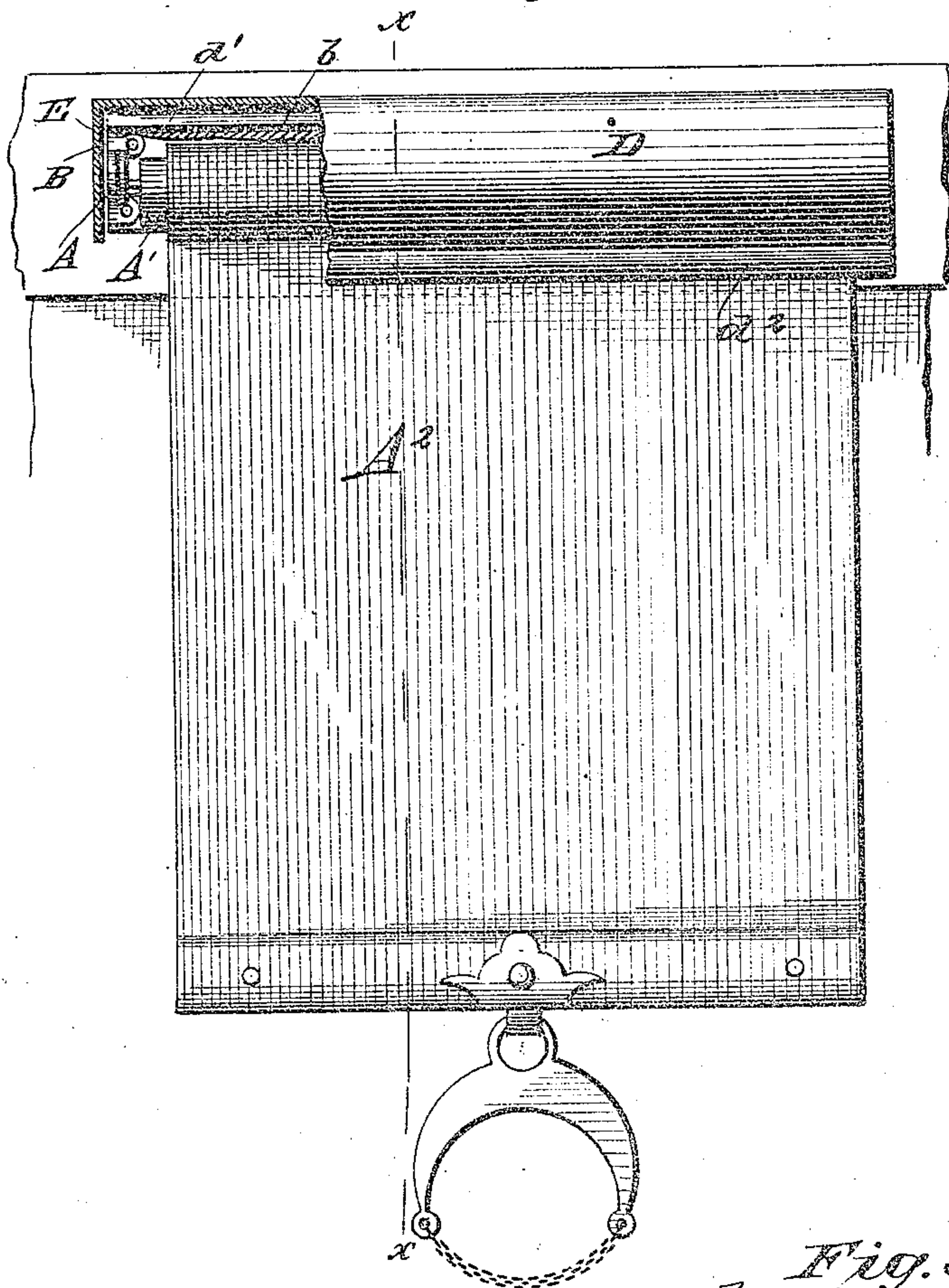


Fig. 2.

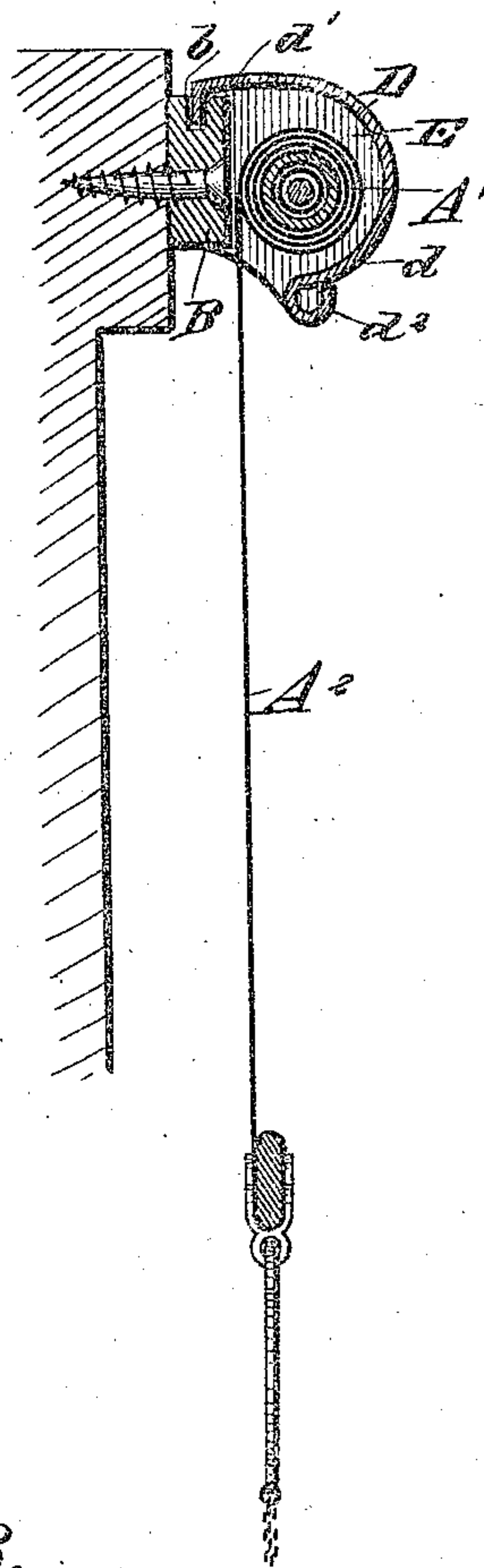


Fig. 3.

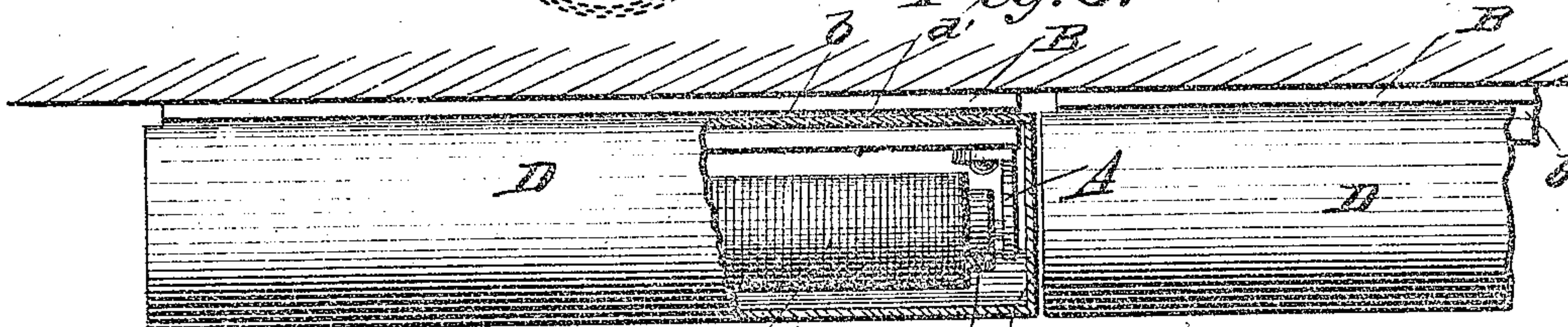
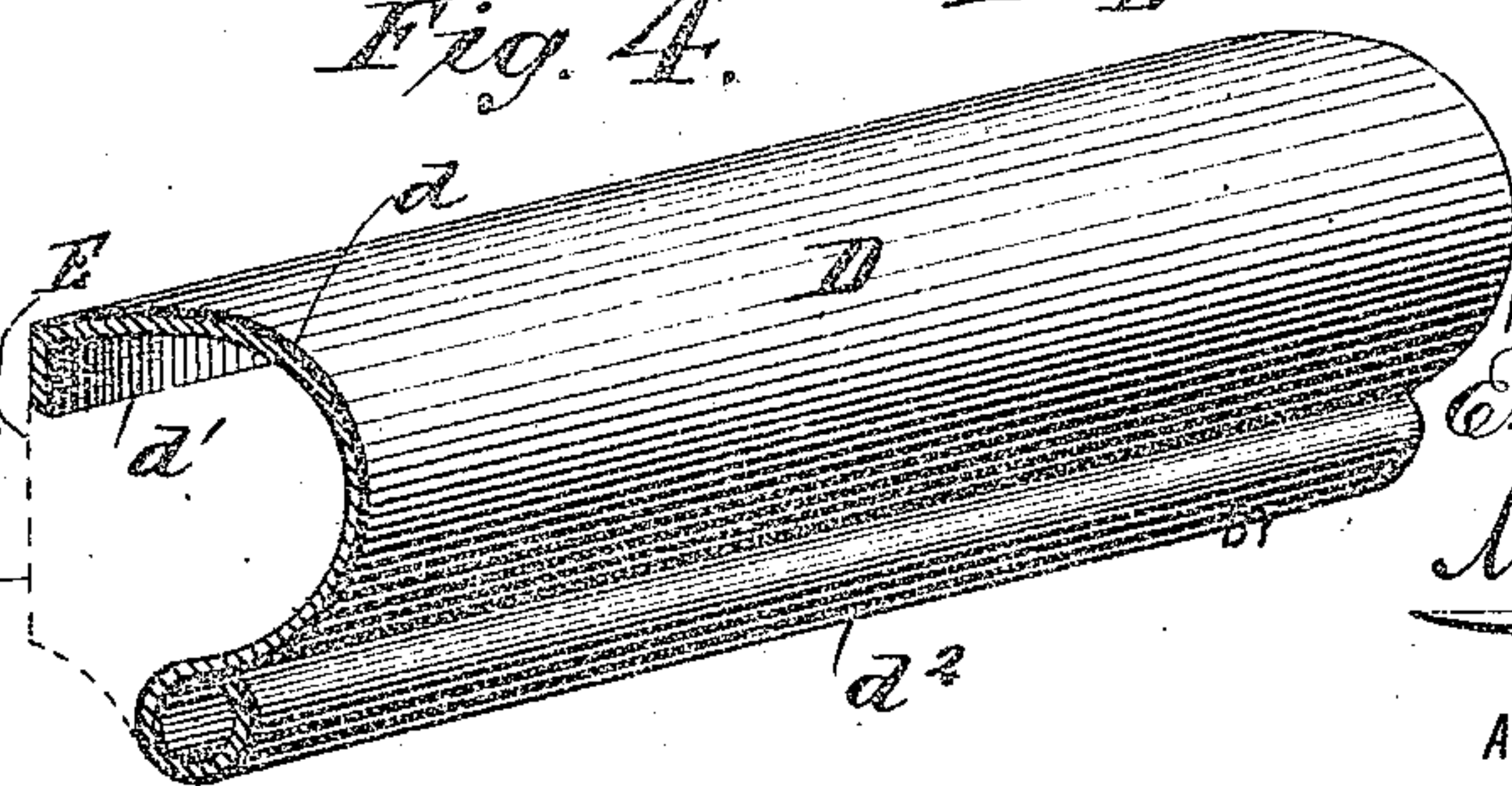


Fig. 4.



WITNESSES:

Phil. C. Dietrich.
Co. Sedgwick

INVENTOR:

E. A. Bullard
Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

EDWIN A. BULLARD, OF VASSAR, MICHIGAN.

EXHIBITOR FOR WINDOW-SHADES, MAPS, &c.

SPECIFICATION forming part of Letters Patent No. 396,463, dated January 22, 1889.

Application filed July 10, 1888. Serial No. 279,512. (No model.)

To all whom it may concern:

Be it known that I, EDWIN A. BULLARD, of Vassar, in the county of Tuscola and State of Michigan, have invented a new and Improved Exhibitor for Window-Shades, Maps, &c., of which the following is a full, clear, and exact description.

My invention relates to an improvement in exhibitors for window-shades, maps, and similar articles, and has for its object to provide a readily-attachable device of simple construction, which will effectually conceal the shade when rolled up and shield the same from light and dust.

The invention consists in the construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

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 views.

Figure 1 is a front elevation of my device, partly in section, applied to a shade, the latter being pulled down, and Fig. 2 is a vertical section on line *x x* of Fig. 1. Fig. 3 is a plan view of a series of exhibitors, the shades being rolled up and one exhibitor partly in section; and Fig. 4 is a perspective view of an exhibitor detached.

In carrying out the invention, the fixtures A of a spring curtain-roller, A', having a curtain, A², attached, are secured upon one face of a strip, B, of wood, or other suitable material, preferably at the ends thereof. A strip or slat, B, or a series of the same, is adapted to be nailed, screwed, or otherwise secured to the cornice of a store over the shelving. When a number of strips or slats are employed, they are arranged over the shelving in succession, in horizontal alignment a suitable distance apart, as best shown in Fig. 3.

In the upper longitudinal edge of the strips or slats B a groove, *b*, is produced, extending preferably from end to end, as best shown to the left in Fig. 3, which groove is purposed to receive and retain in position over the curtain fixtures and roller a protector, D.

The protector consists of a piece of sheet metal, wood, or equivalent material bent upon itself to form a semi-cylindrical body, *d*, of a

length preferably slightly greater than the length of the strip or slat B. Integral with the upper longitudinal edge of the body a flange, *d'*, is formed extending a proper distance downward at right angles to the body, which flange is purposed to enter the groove *b* of the slat B, as best shown in Fig. 2. The lower longitudinal edge of the body is carried inward and preferably outward to an eccentric contact with the outer face of the body to provide a longitudinal and cylindrical bead, *d²*.

It will be observed that when the protector is placed in position upon the slat it entirely covers the front and essentially the lower portion of the curtain when rolled up, and that the cylindrical bead of the lower edge admits of the curtain being raised and lowered without chafing against the protector. The ends of the protector are preferably closed, as illustrated at E in Figs. 1, 2, and 3. When, however, the protectors are used in series, the ends of the intermediate protectors may be made to abut, in which event the end pieces may be dispensed with. Should the several protectors of the series be spaced, the end pieces, E, are essential.

When the series of covers or protectors are in position, they will form a molding as far as they extend. The exhibitors may be used with any curtain-fixtures, and, in addition to their use in connection with a store, may be employed over the windows of dwelling-houses to great advantage, especially if one is renting and moving from one house to another, as the protector may be put up the full width of the curtain and the slats be secured to the casing of a wide or narrow window. If the window is narrow, the curtain can project over the casing, and should it be removed to a house with wide windows no alteration of the curtain will be required.

When the exhibitor is used for samples, the said samples are kept free from dust and light, comparatively little room is occupied, and the customer is kept upon his or her side of the counter, and the salesman may expeditiously and conveniently exhibit all samples of stock at the same time, thereby giving the customer the opportunity of seeing and buying to better advantage than heretofore.

If in practice it is found advisable, the slat

It may be dispensed with and the fixture be attached directly to the cornice or window-frame, in which event the groove adapted to receive the protector is produced directly in said cornice or frame.

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

1. As an improved article of manufacture, a protector for window-shades, consisting of a semi-cylindrical body having closed ends and provided along its upper longitudinal edge with a downwardly-projecting flange, and a cylindrical bead along its lower longitudinal edge, as set forth.

2. The combination, with a slat having a longitudinal groove in the upper edge, said slat adapted to carry a curtain and fixture, of a protector consisting of a semi-cylindrical

body provided with a longitudinal flange extending at right angles downward from the upper edge and engaging the groove of said slat, substantially as shown and described.

3. The combination, with a slat having a longitudinal groove in the upper edge, said slat adapted to carry a curtain and fixtures, of a protector consisting of a semi-cylindrical body having closed ends and provided with a longitudinal flange extending downward at right angles to the upper edge, and a cylindrical bead integral with the lower edge, all combined to operate substantially as shown and described.

E. A. BULLARD.

Witnesses:

J. F. ACKER, Jr.,
C. SEDGWICK.