(No Model.)

J. A. SHERINGTON.

SLATTED BLIND.

No. 381,649. Patented Apr. 24, 1888.

Fig. 1.

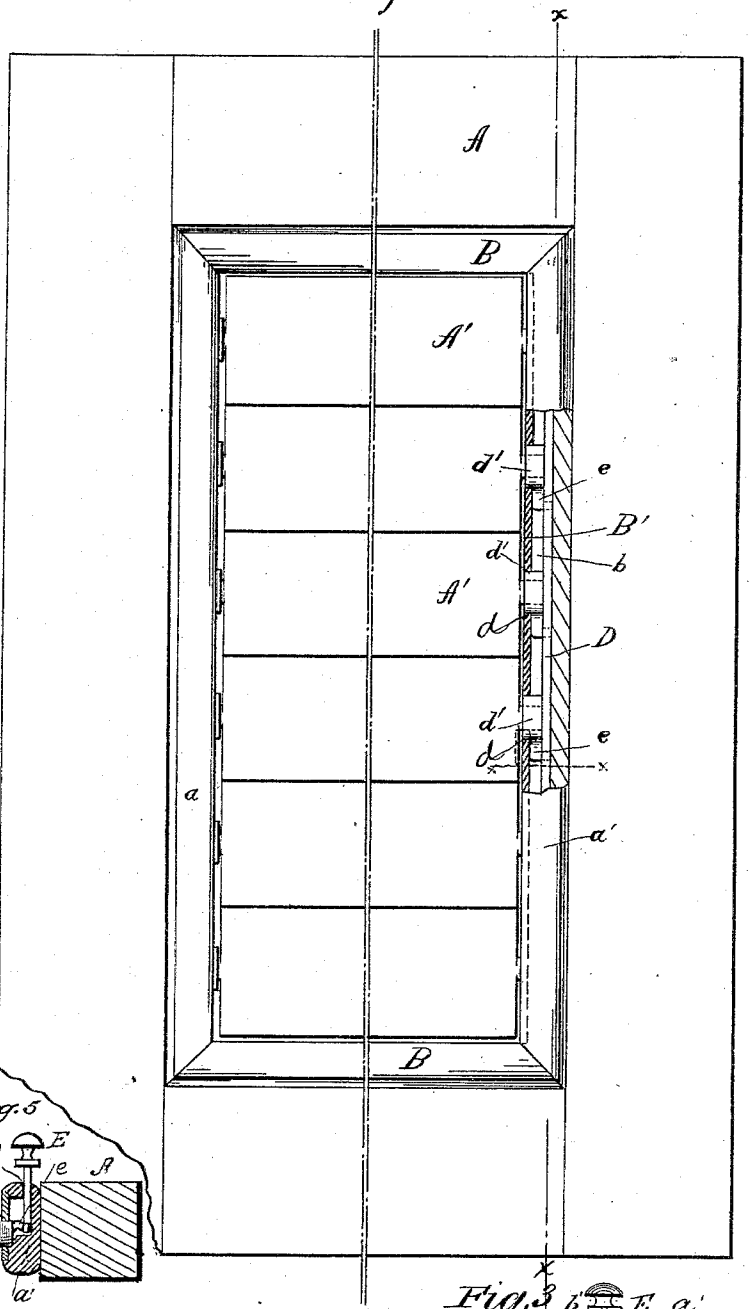


Fig. 2.

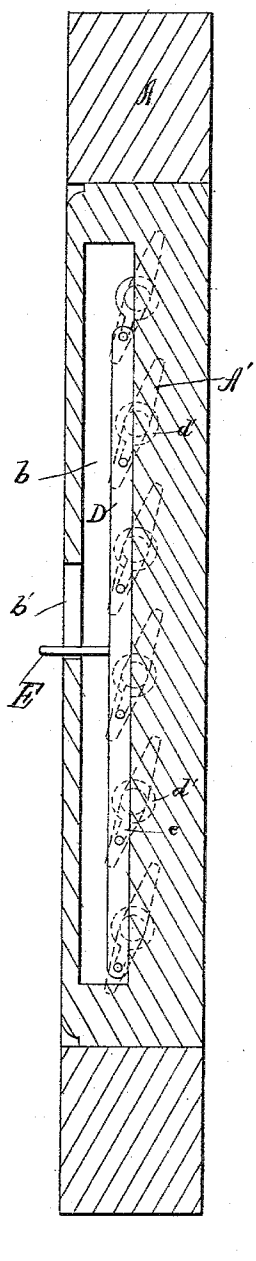


Fig. 5

Fig. 3

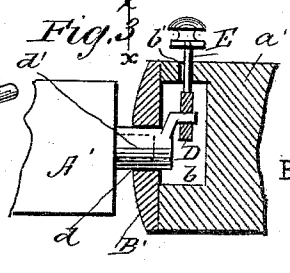
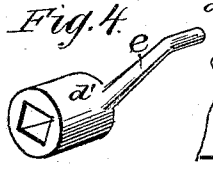


Fig. 4



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UNITED STATES PATENT OFFICE.

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SLATTED BLIND.

SPECIFICATION forming part of Letters Patent No. 381,649, dated April 24, 1888.

Application filed June 11, 1887. Serial No. 241,021. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. SHERINGTON, a subject of the Queen of England, and a resident of the city, county, and State of New York, have invented a new and useful Improvement in Slatted Blinds, of which the following is a full, clear, and exact description.

My invention relates to an improvement in slatted blinds, and has for its object to provide a device for opening and closing the same in a simple and convenient manner, and wherein the operating mechanism of the device will be completely concealed.

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

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 front elevation of a slatted blind, partly in section, having my improvement applied; and Fig. 2 is a longitudinal vertical section on line *x x* of Fig. 1. Fig. 3 is a cross-section showing a modification of the invention, the metal plate being displaced by the ordinary molding or beading. Fig. 4 is a detailed view of one of the arms applied to the collars fitted upon the trunnions of the slats. Fig. 5 is a cross-section of Fig. 1 on the line *y y*.

In carrying out the invention, A represents the blind; A′, the slats, and B the molding, in which the aforesaid slats are pivoted.

The slats A′ are pivoted at one end in one longitudinal strip of molding, *a*, in the usual manner. The opposite strip of molding, *a′*, is provided with a longitudinal recess, *b*, preferably rectangular in shape, and a slot, *b′*, cut centrally, the outer face adapted to extend inward and intersect the recess *b*, as shown in Fig. 2. The molding *a′* is also made of less thickness than the other strips, and a plate, B′, is held in connection therewith longitudinally the cut-away side, the united plate and molding equaling the thickness of the remaining molding forming the panel. The plate may be made of metal, but hard wood is generally preferable.

In the plate B′, centrally and longitudinally the same, a series of apertures, *d*, are cut, in which apertures the trunnions of the slats upon that side, provided with metal collars *d′*, are journaled, the said trunnions and collars being adapted to project a distance in the recess *b*.

To each collar arms *e* are attached or made integral therewith, adapted to extend outward, assuming the blinds to be open parallel with the ends of the slats, the upper end of each arm being angular toward the sides of the blind and pivoted in a straight longitudinal bar, D, which bar is located in the recess *b*, and is adapted to reciprocate therein hidden from sight. The bar D is reciprocated and the blinds manipulated through the medium of a pin, E, attached centrally to the bar D, and projecting outward through the slot *b′* a sufficient distance to be grasped with the fingers. The slot *b′* in large blinds need not be over an inch in length, and when the pin is carried centrally the same blinds will assume a horizontal or open position, and when said pin is carried to either end of the slot the blinds will close substantially one upon or over the other.

The plate B′ may be omitted, if desired, and the trunnions of the slats be made to pass through the molding or beading into a recess similar to the recess *b*, formed in the stile or body of the blind, one wall of which recess is formed by the beading. In this event the recess *b* in the molding *a′* is omitted, the arms *e* and the other operating parts being positioned in the aforesaid recess in the stile.

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

The improvement in slatted blinds, which consists of the combination, with the slats and the frame provided with a recessed molding, of a fixed plate let into said molding and provided with a series of apertures, collars fitted upon the slat-tenons and adapted to turn said slats, which collars have their bearings in the slots of said fixed plate, and are provided with angle-arms entering the recesses of the molding, and a rod to which are pivotally connected the said angle-arms, and which is provided with an operating-pin, substantially as set forth.

JOHN A. SHERINGTON.

Witnesses:
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