(No Model.)

R. A. BAT-TE.

WINDOW SHADE AND CURTAIN POLE.

No. 440,990. Patented Nov. 18, 1890.

Fig. 1

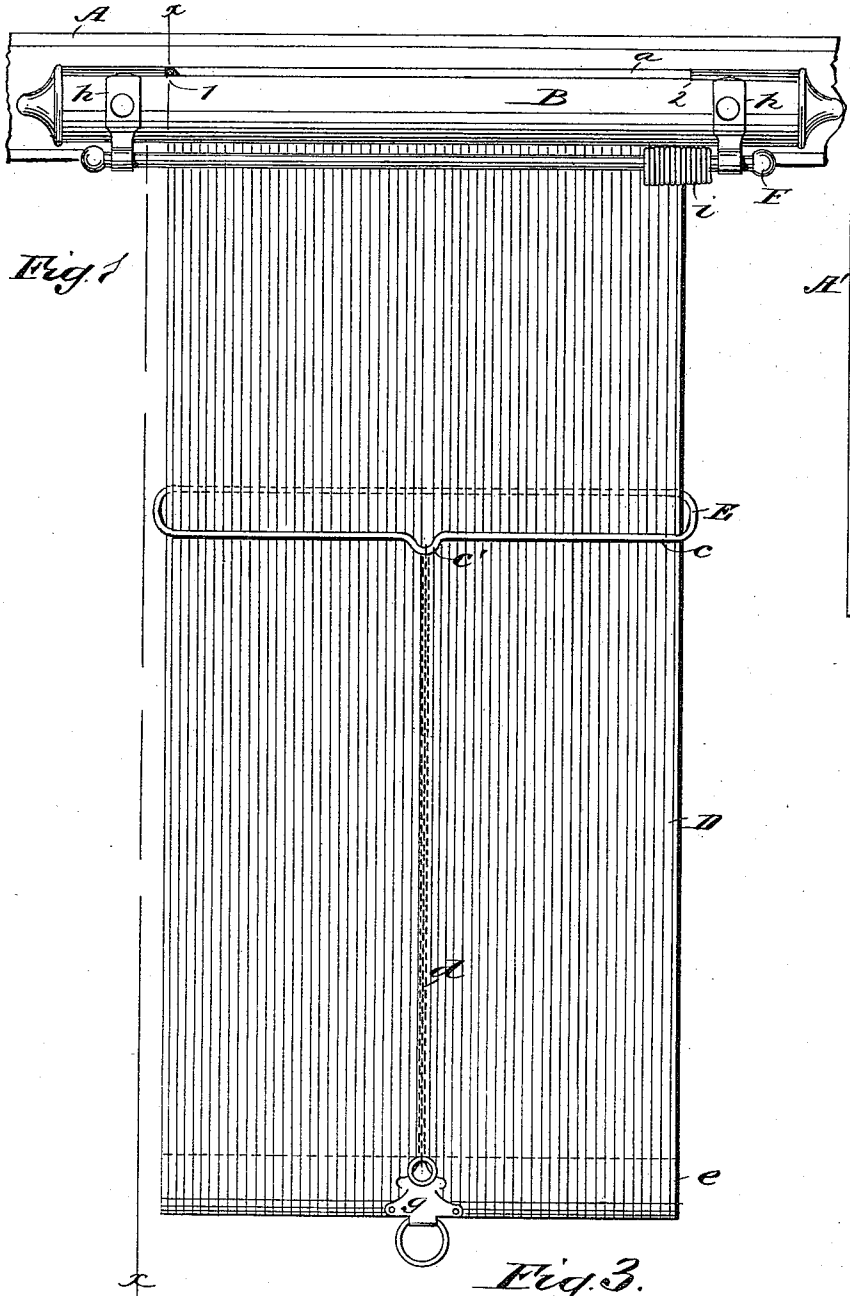


Fig. 2.

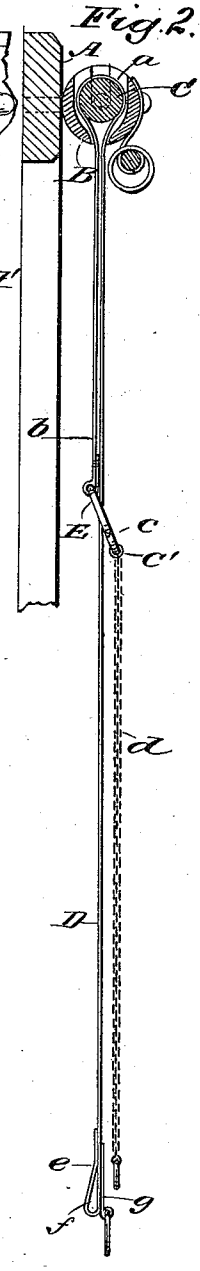
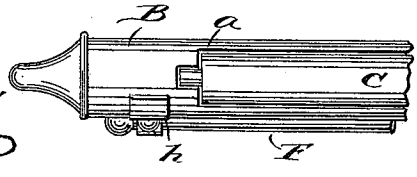


Fig. 3.



WITNESSES:

F. McArdle.

C. Sedgwick

INVENTOR:

R. A. Batte

BY Munn & Co

ATTORNEYS

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

RINALDO A. BAT-TE, OF NORFOLK, NEBRASKA.

WINDOW-SHADE AND CURTAIN-POLE.

SPECIFICATION forming part of Letters Patent No. 440,990, dated November 18, 1890.

Application filed March 15, 1890. Serial No. 344,000. (No model.)

To all whom it may concern:

Be it known that I, RINALDO A. BAT-TE, of Norfolk, in the county of Madison and State of Nebraska, have invented a new and Improved Window-Shade and Curtain-Pole, of which the following is a full, clear, and exact description.

The object of this invention is to provide a simple and efficient window-shade support and novel means for adjustment of the shade thereon, and also to provide a bracket whereon the hangers for a curtain-pole may be secured.

To these ends my invention consists in the construction and combination of parts, as is hereinafter described, and indicated in the claims.

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

Figure 1 is an inside view of the window-shade and its supporting device on a portion of a window-frame, an attached curtain-pole being also shown in position to receive and support a curtain. Fig. 2 is a side elevation, partly broken away and in section, of the shade-supporting device, a shade thereon, and a curtain-pole secured to the shade-supporting bracket-bar; and Fig. 3 is a partial plan view of the shade-support and curtain-pole.

A represents the upper cross-piece of a window-casement, and A′ a portion of one side or frame stile, and on the cross-piece or cap A of the window-frame a preferably rounded bracket-bar B is secured by screws or other proper means. Said bracket-bar consists of a cylindrical rod of wood or metal of a length to fit between the stiles of the window-casement, and is longitudinally slotted at *a* from the point 1 to the point 2 near its ends, said slot being of such proportionate width that a cylindrical roller C may rest in suitable bearings formed in the end walls of the slot and freely revolve thereon. There should be sufficient space between the roller C and side walls of the slot to permit the introduction of a single thickness of shade material D, that is hung thereon by lapping one end *b* over the roller, so that the folded portions will hang pendent. It is preferred to so embed the roller C within the bracket-bar B that it will not be visible above the bar when the parts are assembled, and to cause the shade D to embrace the major portion of the roller, which is essential, a contraction of the slot *a* is produced below the body of the roller that will draw the two pendent portions of the shade close together and produce a slight frictional contact of the shade material with the rounded lower edges of the slot through which they extend.

Any suitable material is used in the construction of the shade D, which is made of such proportionate width that it will slide freely through the slot in the bracket-bar B. The length of the shade should be sufficient to permit the lapped portion *b* to extend a short distance below the roller C when the main portion of the shade is drawn down to cover the entire window. A transverse keeper E is provided, which is preferably made of wire and bent to produce an elongated loop having parallel bars that are separated a proper distance. On one bar of the keeper E the free end portion *b* of the shade D is lapped and attached, the main portion of the same being inserted between the parallel bars of the keeper, which, from its weight, will rest the free bar *c* upon the main portion of the shade and hold both pendent portions loosely clamped together.

At the longitudinal center of the transverse bar *c* an eye *c′* is formed in the same, to which the pendent chain or cord *d* is secured at its upper end, said chain or cord affording means to elevate the main portion of the shade D by a downward pull of the chain or cord and attached end portion *b* of the shade.

Upon the free end *e* of the shade D a casing is formed by lapping the material and sewing it around a wood strip *f*, that should be of sufficient weight to retain the shade properly stretched, and also serve to keep the side edges from curling inwardly.

At about the center of width of the shade D a plate *g* is secured upon the strip *f* by rivets or similar means, a pull-ring being held by said plate so as to furnish a convenient finger-hold, by which the shade may be pulled to screen as much of the lower half of the window as may be desired.

The curtain-pole F is of the usual form,

and is held by the brackets or hangers *h*, projected a short distance from the inner surface of the shade D. Said hangers being imposed upon the bracket-bar B near its ends may be held in position thereon by the same screws that retain the bar upon the cap-piece A.

Any desired number of curtain-rings *i* are placed upon the pole F, which are utilized to connect lace or other curtains to the pole in the usual manner.

It will be apparent that by the construction of the shade D, its supporting bracket-bar B, and other connected parts, a simple and reliable device is produced, which, in operation, will avoid the inconvenience and frequent derangement incidental to fixtures that roll the shade material upon a cylindrical billet, there being no springs or intricate small mechanism used, the action of gravity and frictional contact of the parts serving to hold the shade at any desired point of elevation or depression.

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

1. The combination, with a longitudinally-slotted bracket-bar and a shade-roller journaled in the slot of the bar, of a shade lapped upon the roller and having its end portions drawn through the slot below the roller, a keeper-bar attached to one end of the shade and encompassing with its looped portion the pendent part of the shade, and a weighted strip attached to its other end, substantially as set forth.

2. The combination, with a longitudinally-slotted bracket-bar and a cylindrical roller embedded in the slot and free to rotate, of a shade lapped upon the roller and having its end portions drawn through a narrow portion of the slot below the roller, a keeper-bar secured to one end of the shade and encompassing with its looped portion the pendent portion of the shade, a cord or chain attached to the keeper-bar, a weighted strip attached to the other end of the shade, and a pull-ring secured on the weighted strip, substantially as set forth.

RINALDO A. BAT-TE.

Witnesses:
FRANK T. GRAHAM,
HORACE MCBRIDE.