(No Model.)

D. L. JAQUES.
Window Blind.

No. 230,944. Patented Aug. 10, 1880.

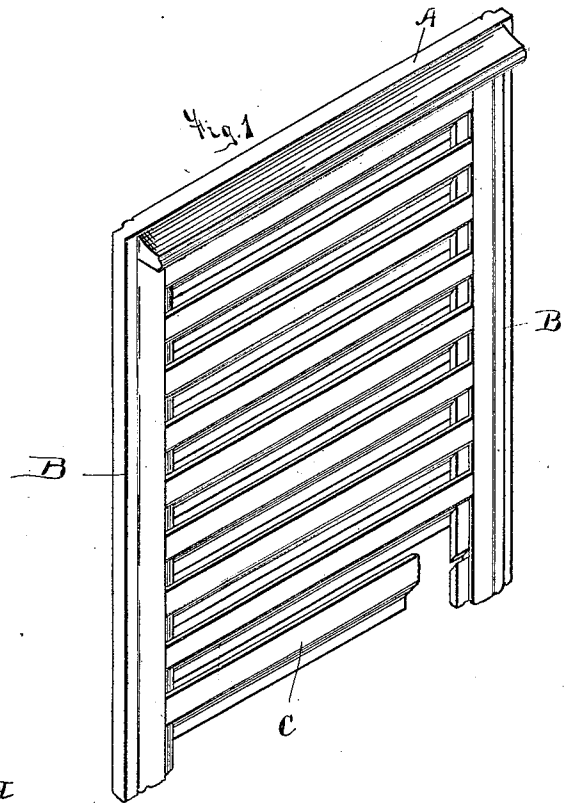


Fig. 1

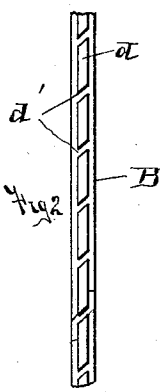


Fig. 2

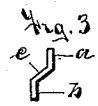


Fig. 3

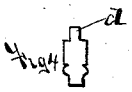


Fig. 4



Fig. 5

WITNESSES

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UNITED STATES PATENT OFFICE.

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WINDOW-BLIND.

SPECIFICATION forming part of Letters Patent No. 230,944, dated August 10, 1880.

Application filed March 15, 1880. (No model.)

To all whom it may concern:

Be it known that I, DAVID L. JAQUES, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Window-Blinds; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to window-blinds, and more particularly to that class known as "inside" blinds; and it consists in the construction of the slat; in the means of uniting the slat to the side bar of the blind; in the peculiar construction of the side bar by means of which the slat is attached to the same, and in the parts and combination of parts, as will hereinafter more fully appear.

In the drawings, Figure 1 is an isometric view of a blind constructed according to my invention. Fig. 2 is a plan view of the inside face of the side bar of the blind. Fig. 3 is a view, in cross-section, of my improved slat. Fig. 4 is the same view of the side bar, and Fig. 5 is a modification of the same.

In the said drawings, A represents the top rail of a blind, B B the side bars, and C the slats.

There has been considerable difficulty experienced among architects and builders in constructing an inside blind which shall be at the same time neat and light, and also sufficiently strong. As the latter feature is one of the essentials of a blind of this character, it has been necessary to construct them of heavy material, thereby rendering them cumbersome. My improved slat is made in such a manner that while the material itself is thin its peculiar form renders it strong.

As shown in Fig. 3 of the drawings, my slat, in cross-section, has two parallel, or substantially parallel, portions, *a* and *b*, connected together by an angular portion, *c*. The object of this construction is to make the slat exceedingly light, while at the same time it has the strength of one constructed from material much thicker.

The side bar, B, is provided with a tongue, *d*. This tongue is recessed angularly, as shown at *d'*, Fig. 2, for the reception of the slats.

The construction of my blind is as follows: The slats are prepared as shown and described, as also the side bars. The angular portion *c* of the slat is then inserted in the recess *d'* in the tongue of the side bar. One of the parallel portions of the slat C will bear upon one face of the tongue *d*, and the other parallel portion of the slat will bear upon the other face of the tongue *d*. When the other side bar is placed in the same relative position upon the other end of the slat the two side bars are tied together by the upper and lower cross-bars, as in an ordinary blind, and the slats are held readily in place without nails, glue, or other fastenings.

In Fig. 5 I show a modification of my cross-bar in that I dovetail the same at the base of the tongue *d*. The object of this dovetail is to lock the slat rigidly to the bar. To accomplish this the end of the slat is beveled to fit the dovetail, when it is placed in the slot or opening *d'*, and the end inserted within the dovetailed portion of the bar. This will protect the upper and lower edges of the slat, rendering them much less liable to become split.

I prefer, in constructing the cross-bar of a blind made according to my invention, to make it of heavier material. This may be done by an ornamental addition of a molding or something of that character.

The side bars, and also the cross-bar of the blind, may be ornamented by beading or the like.

My blind is adapted for use either as a vertical sliding blind, and made to fit in recesses prepared to receive it in the casing of a window, or it may be used as a hinged blind and folded back either in the recess prepared for it, or against the casing of a window.

What I claim is—

1. An improved slat for blinds, consisting of two substantially parallel portions, *a* and *b*, connected together by an angular portion, *c*, substantially as and for the purpose shown.

2. In a blind, the combination, with a side stile provided with a tongue having diagonal recesses, of slats formed with a central angular portion which fits in said recess and with

two practically parallel side portions, which, respectively, fit against opposite sides of the tongue, substantially as set forth.

3. In a blind, the combination, with a slat having two side portions which are practically parallel and an angular central portion, of a side stile provided with a tongue having diagonal recesses, the sides of the base of the tongue being dovetailed to receive the edges of the slat, substantially as set forth.

4. A window-blind consisting of a cross-bar, A, side bars, B, and slats C, all constructed substantially as and for the purpose shown.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID L. JAQUES.

Witnesses:

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WILLARD FRACKER.