

W. B. SLOAN.
Blind-Slat Adjusters.

No. 135,166.

Patented Jan. 21, 1873.

Fig. 2.

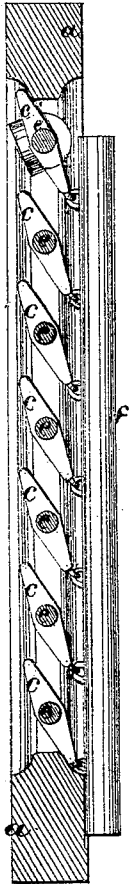


Fig. 1.

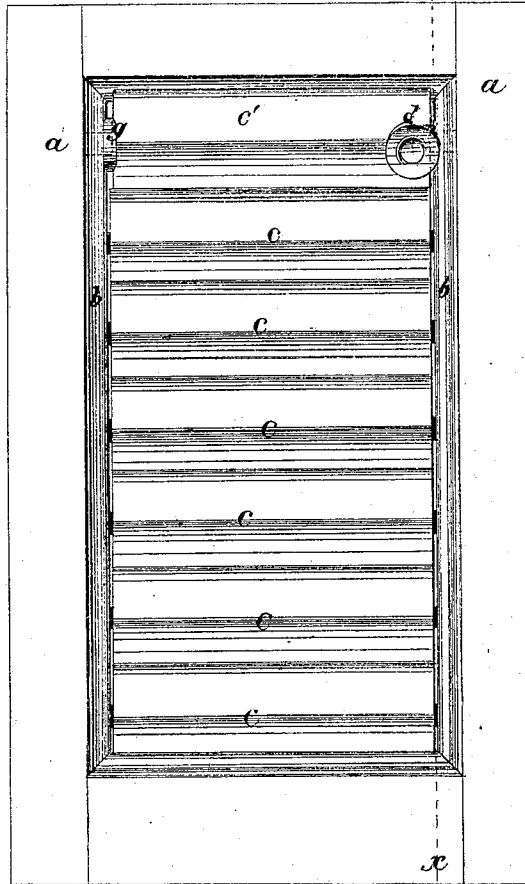


Fig. 3.

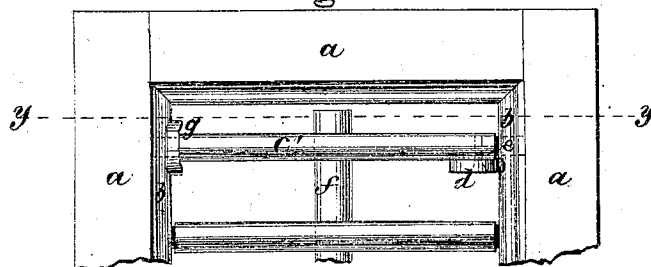
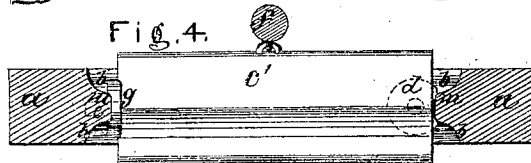


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIAM B. SLOAN, OF HAMBURG, IOWA.

IMPROVEMENT IN BLIND-SLAT ADJUSTERS.

Specification forming part of Letters Patent No. **135,166**, dated January 21, 1873.

To all whom it may concern:

Be is known that I, WILLIAM B. SLOAN, of Hamburg, in the county of Fremont and State of Iowa, have invented certain Improvements in Blind-Slat Adjusters, of which the following is a specification:

Nature and Objects of the Invention.

This invention relates to a device for holding blind-slats in any desired position; and consists in the employment of a block or disk of rubber attached to one of the slats, and bearing against the inside of the blind-frame, so that on opening or partly opening or closing the slats by means of the operating-rod, or otherwise, the frictional contact of the rubber and blind-frame will hold the slats in any desired position, as hereinafter more fully set forth.

Description of the Drawing.

Figure 1 is a front elevation of a blind-frame and slats when closed, embodying my invention. Fig. 2 is a sectional view of the same through the line *x x*, Fig. 1. Fig. 3 is a front elevation of the upper portion of the blind-frame and two of the slats when opened. Fig. 4 is a horizontal section through the line *y y*, Fig. 3.

General Description.

a is the blind-frame, the inner faces of which may be plane, or, preferably, beveled or curved, as seen at *b*, at their edges, and having the middle portion *m* (see Fig. 4) a plane surface. The blind-slats *c c'* are pivoted in the usual manner to the inner faces of the blind-frame, their journals *e e* having bearings in sockets made in the inner faces of the blind-frame. *f* is a rod provided with eyes, which engage with staples in each of the slats, by

means of which construction the slats may be simultaneously adjusted, as desired, in the ordinary manner by operating-rod *f*. *d* is a block of rubber, of a circular or disk form, attached to one of the slats, *c'*, near its end, and projecting beyond it in its closed position so that on opening the blind-slats, by means of the operating-rod, or otherwise, to any desired position, the rubber disk *d* will be brought in contact with the plane portion *m* of the inner face of the blind-frame, and there held by the frictional contact of the elastic rubber disk against the inner face of the blind-frame.

In the drawing I have shown an annulus or ring, *g*, encircling one of the gudgeons of the slat *c'*, by means of which the blind-slats may be adjusted. This device is old, and I therefore lay no claim to it.

The rubber disk or block *d* attached to one end of a blind-slat is less expensive in its construction, and may be more readily applied, than the annulus *g*, or a circular disk inserted in the socket.

Claims.

I claim as new, and of my invention—

1. A rubber block, attached to one of the slats at its end, as shown at *d*, and having a frictional bearing against the blind-frame, substantially as described.

2. The blind-frame *a*, having the beveled edges *b* and plane surface *m*, in combination with the rubber block *d* attached to one of the slats, as and for the purpose described.

To the above specification of my improvement in blind-slat adjusters I have hereunto set my hand this 31st day of July, 1872.

WILLIAM B. SLOAN.

Witnesses:

A. V. METCALF,
R. K. CRANDAL.