

L. E. Michell,

Curtain Fixture,

N^o 80,650.

Patented Aug. 4, 1868.

Fig. 1.

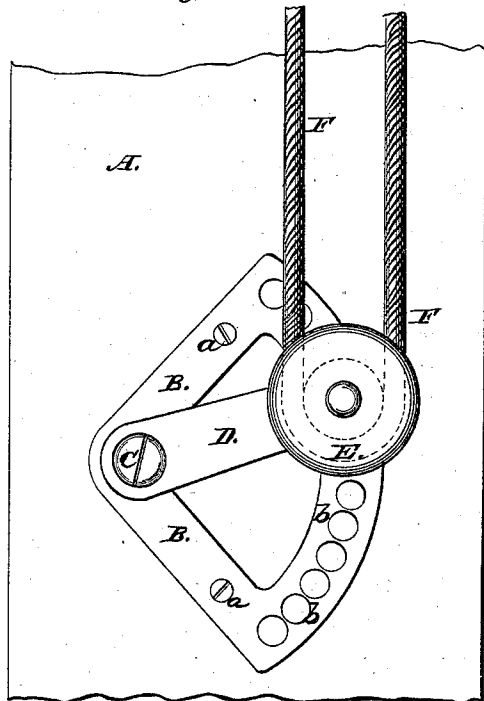
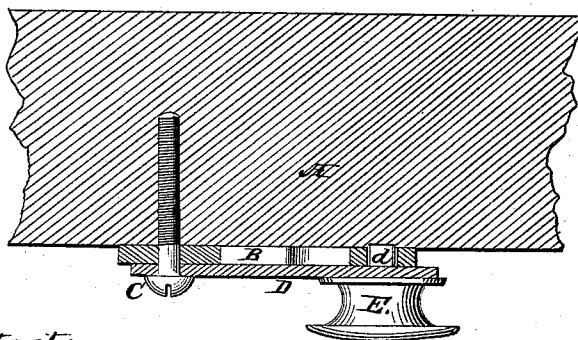


Fig. 2.



Attest:

*Jas H. Layman,
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Inventor,

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United States Patent Office.

LUCIUS E. MICHELL, OF CINCINNATI, OHIO.

Letters Patent No. 80,650, dated August 4, 1868.

IMPROVED CURTAIN-FIXTURE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LUCIUS E. MICHELL, of Cincinnati, Hamilton county, and State of Ohio, have invented a certain new and useful "Curtain-Fixture;" and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

This improvement is designed to be used in connection with that class of flexible window-shades or curtains which are operated by means of an endless cord that passes around a sheave on the upper roller of the shade, and also around a pulley which is attached to the window-frame; and my invention consists in rendering said pulley capable of being adjusted vertically so as to impart a proper tension to the cord, and thereby prevent it being either too tight or too loose.

In the accompanying drawings—

Figure 1 is a front elevation of my improved curtain-fixture, and

Figure 2 is a horizontal section of the same.

A represents a portion of a window-frame, to which there is attached, by screws, *a*, the plate B, which is provided with a series of apertures *b*, that are arranged on an arc of a circle, which is concentric with the pivot *c* of the spring-catch D.

This spring-catch is provided with a rearwardly-projecting stud, *d*, which is capable of engaging in either of the apertures *b*, and the free end of said catch carries the customary pulley E, around which passes the endless cord F, by which the window-shade is raised and lowered.

If at any time the cord should become too slack, it can be tightened in a moment by simply drawing the spring D forward, so as to disengage its stud *d* from the aperture in which it was inserted, after which the spring is pressed downward, and when the cord has become sufficiently tight the stud is permitted to enter one of the lower apertures.

The cord can be slackened at any time by reversing the above-described operation.

In the drawings, which represent the device about twice its actual size, the pivot C is shown as being sufficiently long to enter the window-frame A some distance, but this is not necessary, as said pivot may be simply tapped into the plate B, without passing through it.

My curtain-fixture is simple in its construction, not liable to get out of repair, and it can be applied either to the right or left-hand side of the window-frame, as may be found convenient.

I claim herein as new, and of my invention—

The combination, substantially as described, of the perforated plate B *b*, pivoted spring-catch C D, stud *d*, and pulley E, for the purpose specified.

In testimony of which invention, I hereunto set my hand.

LUCIUS E. MICHELL.

Witnesses:

JAMES H. LAYMAN,

JOS. A. WILLIAMS.