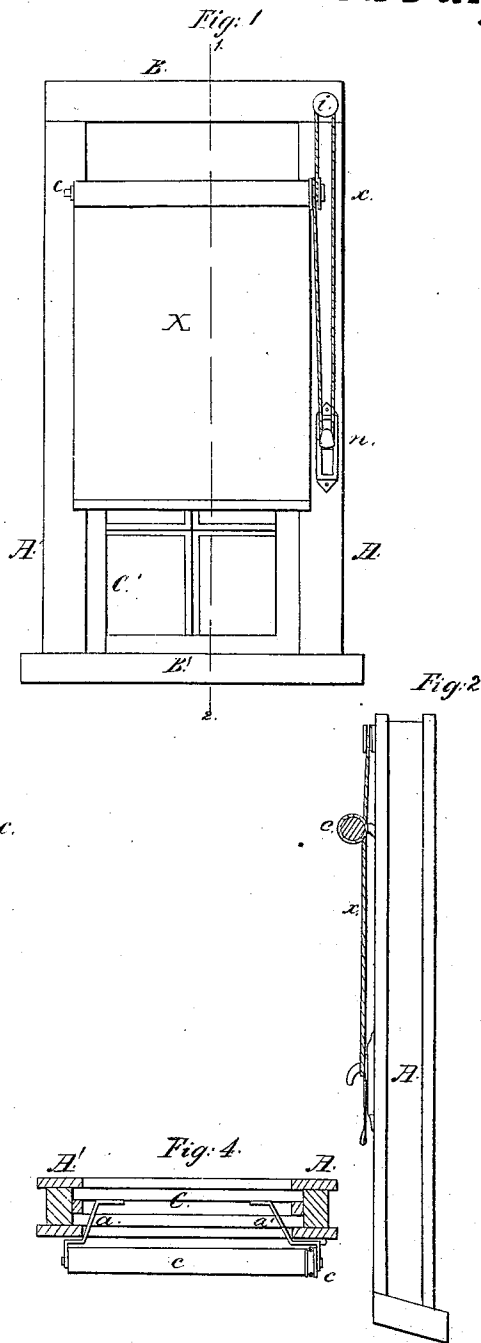


E. B. Lake

Curtain Fixture

N<sup>o</sup> 66970.

Patented July 23, 1867.



Witnesses:  
Wm. Albert Steel  
Rowbotham

Inventor:  
E. B. Lake  
By his attorney  
J. C. Howson

United States Patent Office.

EZRA B. LAKE, OF BRIDGEPORT, NEW JERSEY.

Letters Patent No. 66,970, dated July 23, 1867.

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, EZRA B. LAKE, of Bridgeport, Gloucester county, New Jersey, have invented an improvement in Window-Curtain Fixtures; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of certain devices fully described hereafter, so that a window-curtain may be adjusted to cover either the lower or the upper portion of the window.

In order to enable others skilled in the art to make and apply my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a front view of my improved window-curtain fixture, showing the same applied to a window.

Figure 2, a side view.

Figure 3, a section on the line 1-2, fig. 1; and

Figure 4, a sectional plan view.

A A' are the side pieces, and B B' are the top and bottom cross-pieces of a window-frame, in which slide the sashes C C'. Near the upper edge of the upper-sash C are secured two brackets *a a'*, which project beyond the edges of the frame, as shown in fig. 4, and in the said brackets turn the journals of a roller, *e*, and to the said roller is secured the upper edge of a curtain, Y. Round the pulley *e* passes an endless cord, *x*, which also passes round a pulley, *i*, secured to the cross-piece B, and round an adjustable pin, *n*, secured to the side piece A. By adjusting the pin *n* the cord *x* is maintained so taut that when the frame is raised and lowered the cord will remain immovable. A rotary motion will thus be imparted to the roller *e*, so that the upper portion of the curtain will be wound on the said roller without its lower portion being disturbed. By drawing on the cord *x* the lower end of the curtain may be raised or lowered, whatever may be the position of the roller *e*, and without raising or lowering the latter. It will be seen that by this arrangement the curtain may be adjusted to cover either the upper or the lower portion of the window.

I claim as my invention, and desire to secure by Letters Patent—

The roller *e* and its pulley *e*, turning in brackets secured to a window-sash, in combination with an endless cord, passing round the pulley *e* and round a pulley, *i*, and adjustable pin *n*, or their equivalents, secured to the window-frame, all substantially as and for the purpose described.

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

EZRA B. LAKE.

Witnesses:

JOHN WHITE,

W. J. R. DELANY.