L. H. Thomas,

Curtain Fixture,

No. 63,440. Patented Apr. 2, 1867.

Fig. 2.

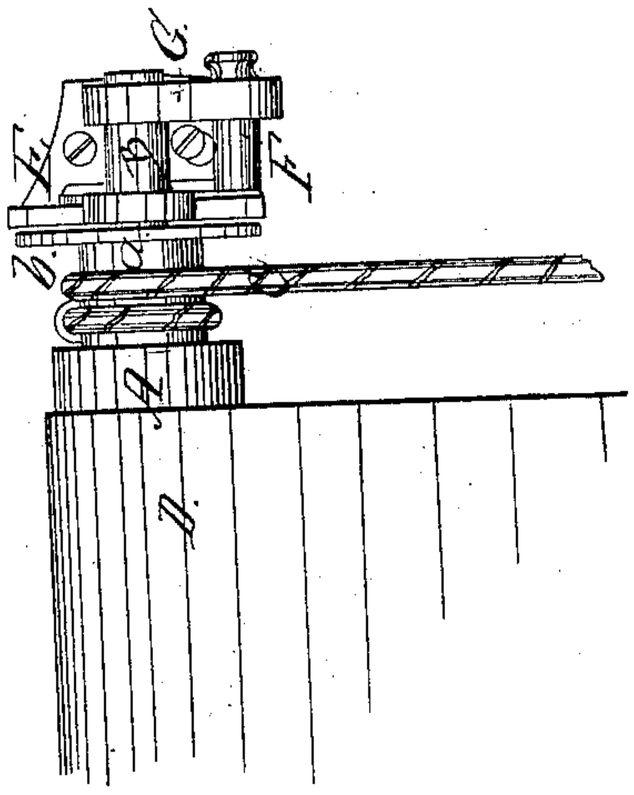
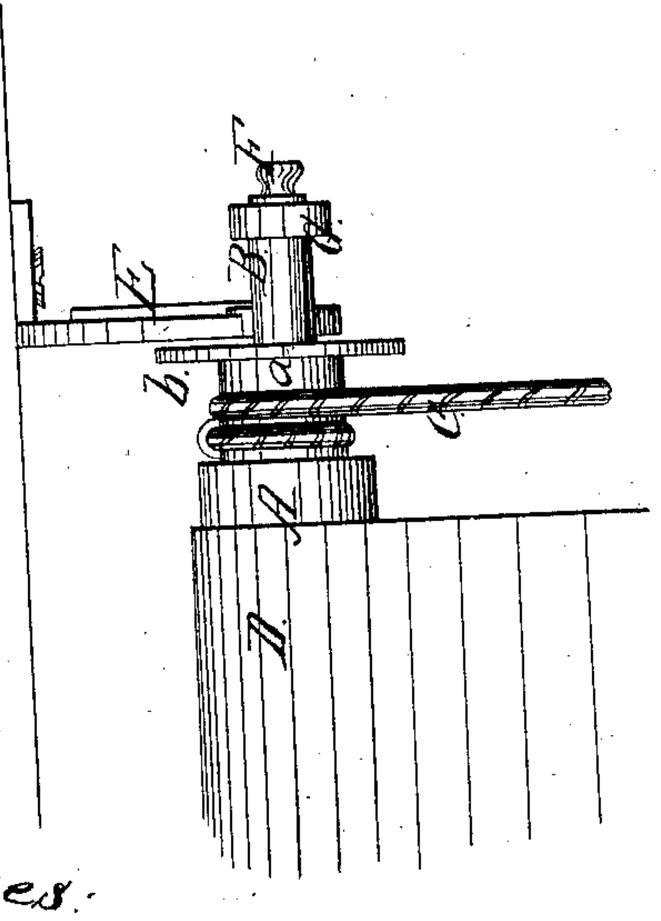


Fig. 1



Witnesses.

W. J. Ketchum

B. D. Conklin

United States Patent Office.

LEVI H. THOMAS, OF WATERBURY, VERMONT.

Letters Patent No. 63,440, *dated April* 2, 1867; *antedated March* 27, 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, LEVI H. THOMAS, of Waterbury, in the county of Washington, in the State of Vermont, have invented certain new and useful improvements in Curtain Fixtures for the holding of window shades; and the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a top view of the end of the curtain roll and fixture.

Figure 2 shows a front view of the same with the elastic band on the journal.

Figure 3 is an end view showing the friction-band holder.

The object of my invention is to hold the top roll to which window shades or curtains are attached in any desired position, and at the same time to leave them free to be turned by the action of a cord or by the curtain.

My invention consists in the construction of the bracket with its pin or prong, and the elongated arbor or journal for supporting an elastic friction band which holds the curtain roll securely in any position it may be placed.

To enable others skilled in the art to make and use my invention, I will describe it more fully, referring to the drawings and to the letters marked thereon.

Instead of having a grooved pulley on the end of the roll A, I reduce for a short distance the size of the roll *a* next the cap *b* and journal B, to which place I attach one end of a cord, C, to be wound up in the contrary direction to the shade or curtain D on the roll A. When the curtain is drawn down the cord will be wound up, so that by drawing the cord C the curtain is wound up. The cap *b* has a long journal, B, extending out half an inch, more or less, beyond its bearing in the bracket E, and on the bracket E there is a corresponding pin or prong, F, extending out parallel with the journal B, on which I place an elastic India-rubber band G or its equivalent to produce the necessary friction on the journal to hold the roll and curtain in any desired position it may be placed. When the shade or curtain is to be drawn, it is only necessary to take hold of the bottom strip and draw it to any desired point, and when it is to be raised, take hold of the cord C and pull to effect the purpose. Thus it will be seen that the operation is both simple and efficient, there being no displacement of the cord, as is often the case when operating as a band in grooved pulleys, and no fixture necessary to secure the lower end of the cord, and comparatively very little wear to the cord, the friction band G operating in such a manner as to hold the shade where it is placed, and at the same time allowing it to be moved easily.

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

The elastic friction band G, in combination with the elongated roller arbor B, and prong F, on the bracket E, operating substantially in the manner herein described for the purposes set forth.

LEVI H. THOMAS.

Witnesses:

GEO. W. KENNEDY,

GEO. SIMPSON.