

L. Ross,

Curtain Fixtures,

N^o 60,426.

Patented Dec. 11, 1866.

Fig 1

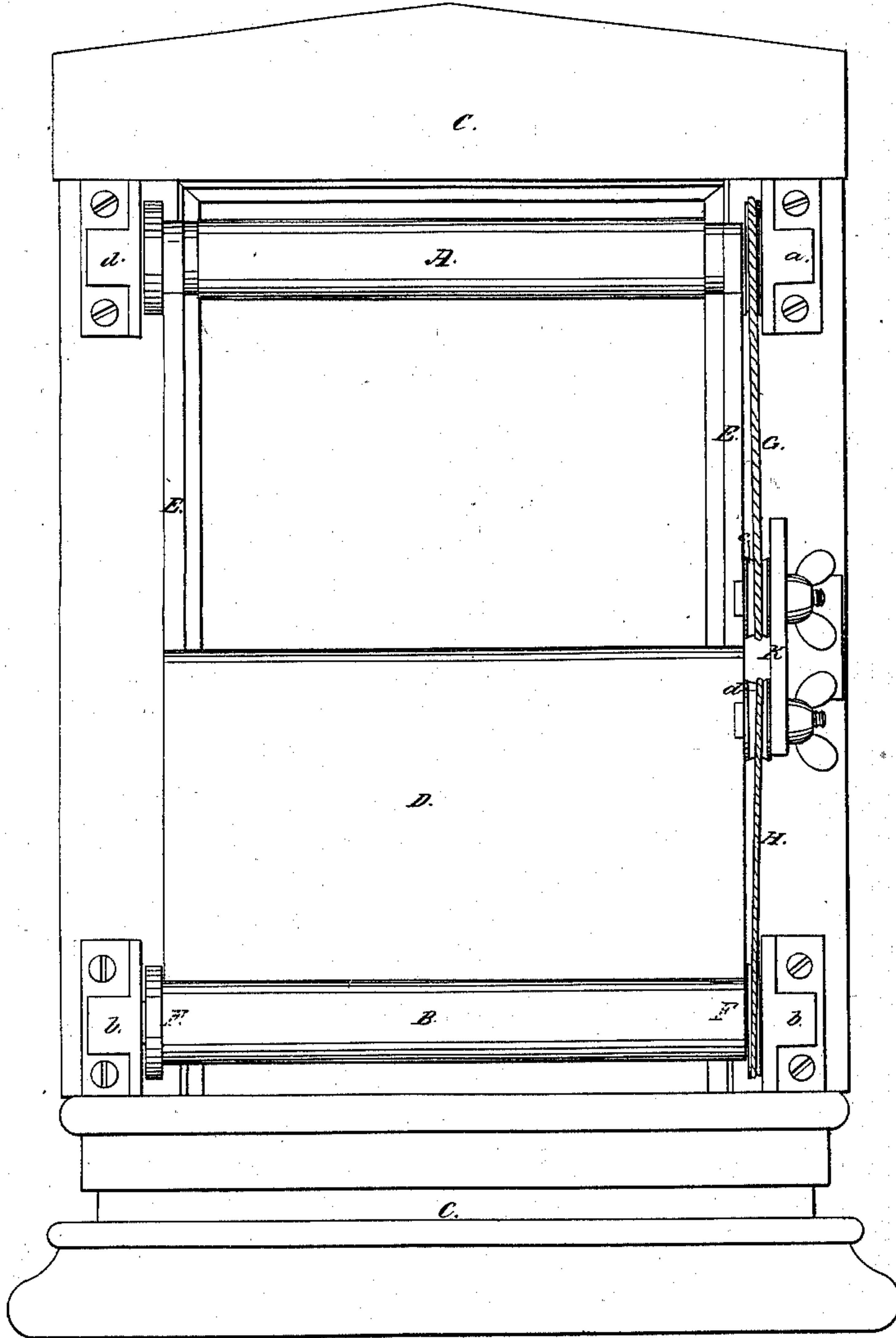
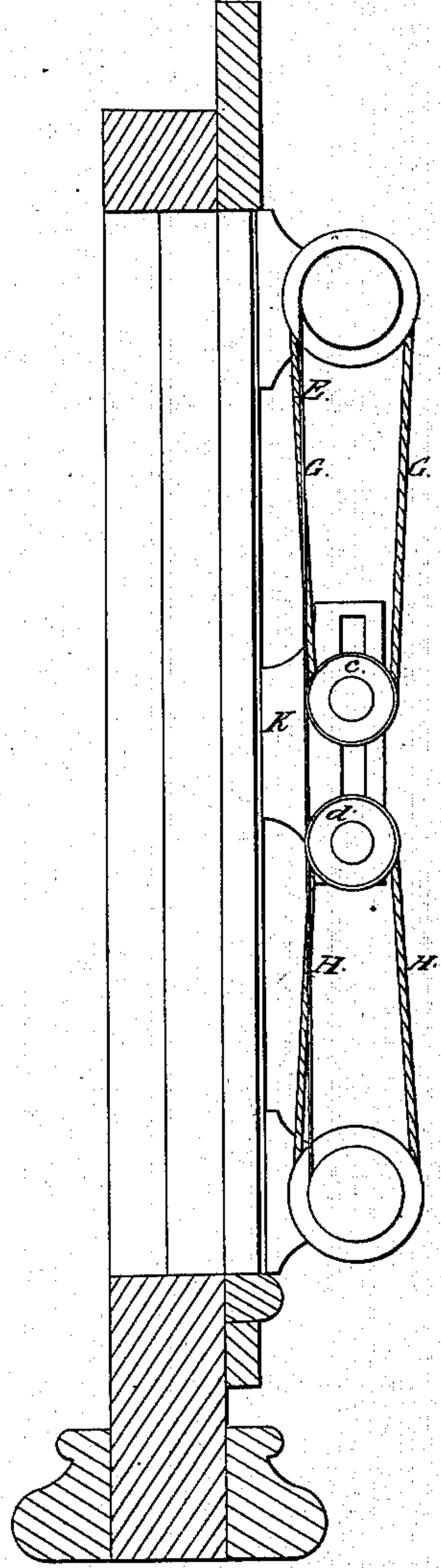


Fig 2.



Witnesses:
J Brown
J H Miller

Inventor:
Levi Ross
by his attorney
J B Gardiner

United States Patent Office.

IMPROVED CURTAIN FIXTURE.

LEVI ROSS, OF SPRINGFIELD, MASSACHUSETTS, ASSIGNOR TO HIMSELF
AND OLIVER K. PHILLIPS, OF SAME PLACE.

Letters Patent No. 60,426, dated December 11, 1866; antedated November 24, 1866.

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 ROSS, of Springfield, Hampden county, Commonwealth of Massachusetts, have invented certain new and useful improvements in Window Curtains; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to letters reference marked thereon; in the drawings—

Figure 1 is a front view; and

Figure 2, a cross-section of a window frame with my improved curtain attached.

My improvements consist in the manner of hanging and moving the curtain, and the construction thereof. I will now describe.

I attach by means of the hangers, *a a*, *b b*, the rollers, A B, to the frame, C, to these rollers, the curtain is attached, by means of the tapes E E, F F, which are fastened to each end of the curtain, and wind up on the rolls, A B, these tapes being of about the same length as the curtain, for a purpose which I will hereafter show in describing the operation. Running over a pulley on one side of each of these rolls, I place the cords, G H, each of which runs over a separately adjustable pulley, *c* or *d*, near the center of the frame. These pulleys *c* and *d*, are made adjustable, by sliding in the frame, K, tightened by the set-screws or nuts, *g h*, for the purpose of tightening the cords G H, when they become loosened.

In operation, this curtain is moved up or down, by pulling one or the other of the cords, G H, and being connected to the rolls, by the tapes, E E, F F, the curtain may be placed in any position with relation to the window, either shading the upper or lower part, or the whole, if desired, and giving, as will readily be seen, great advantages in many situations.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The mode of hanging window curtains herein described, by means of the two rolls A B, connected with the curtain, by the tapes E E, F F, when combined with the two cords G H, and their respective rollers or pulleys *c d*, arranged and operated substantially as herein set forth.

LEVI ROSS.

Witnesses:

J. B. GARDINER,

J. E. FULLER.