

J. B. MARSHALL.
CURTAIN-FIXTURES.

No. 186,357.

Patented Jan. 16, 1877.

Fig. 1.

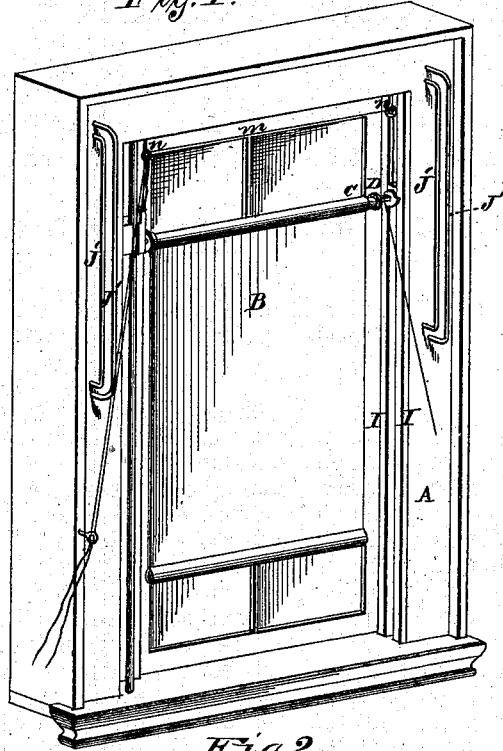


Fig. 3.

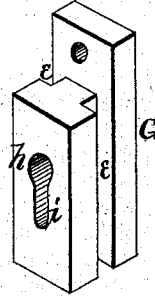
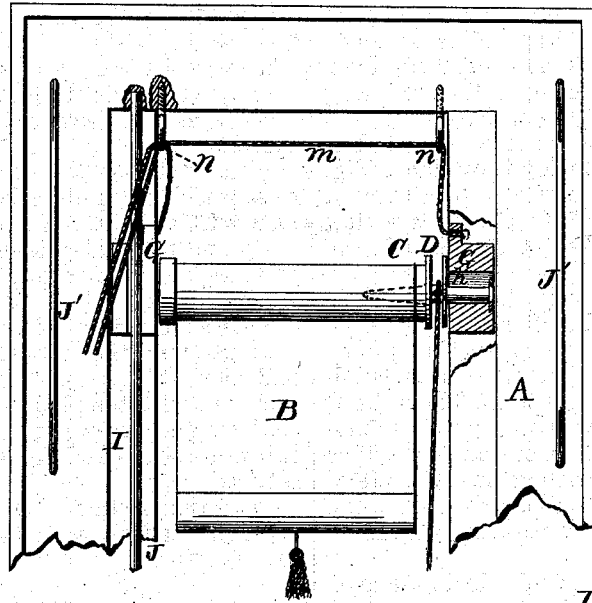
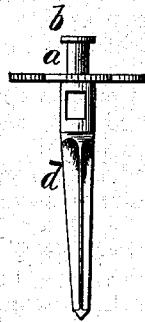


Fig. 2.



Witnesses.
Emanuel L. Curand
W. C. J. Arthur.

Inventor.
John B. Marshall.
W. H. Alexander & Co.
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN B. MARSHALL, OF BARNESVILLE, OHIO, ASSIGNOR OF ONE-HALF HIS RIGHT TO J. B. McPHERSON, OF SAME PLACE.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. 186,357, dated January 16, 1877; application filed November 22, 1876.

To all whom it may concern:

Be it known that I, JOHN B. MARSHALL, of Barnesville, in the county of Belmont and State of Ohio, have invented certain new and useful Improvements in Curtain-Fixtures; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form part of this specification.

The nature of my invention consists in the construction and arrangement of a curtain-fixture for the purpose of lowering the curtain from the top, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of a window with curtain embodying my invention. Fig. 2 is an enlarged front view of a part thereof, partly in section. Fig. 3 is a perspective view of the sliding block used at each end of the curtain-roller.

A represents an ordinary window-frame. B is the curtain, attached to the usual roller C, which, at one end, is provided with the pulley D, for attachment of the curtain-cord for winding and unwinding the curtain. The roller C is, at each end, provided with a pivot, *a*, having on its outer end a disk or flange, *b*. This may be constructed, as shown at the side of Fig. 2, with a shank, *d*, to be driven into the end of the roller, or in any other suitable manner.

G represents an elongated block, made of metal or wood, and provided on its front and rear sides with a vertical groove, *e*, as shown in Fig. 3. This block has also a hole, *h*, through it from side to side, and a slot, *i*, extending downward from said hole a suitable distance.

The disk *b* and pivot *a* are passed through the hole *h*, and the pivot pressed down into the slot *i*, the disk *b* preventing the pivot from coming out of the block.

The blocks G G at the ends of the roller C may be arranged on the inner sides of the window-frame A, either between two strips, I I, or between one strip I and a rod, J, in which latter case the rod fits in one of the grooves *e* on the block; or the blocks may be arranged between two rods, J', on the front of the frame, when both rods fit in the grooves *e* on the blocks. In either case the blocks are perfectly guided and held in place; and the blocks being provided with the two grooves, they can be applied to the window-frame in any manner desired.

The blocks G G are suspended by means of a cord, *m*, the ends of which are passed through screw-eyes *n n*, down to and attached to the blocks.

By this means the curtain can be applied to any window, and be lowered from the top as much or as little as may be desired.

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

The combination of the blocks G G, each provided with the vertical grooves *e e*, hole *h*, and slot *i*, the curtain-roller C, provided at each end with the pivot *a*, having disk *b*, the cord *m*, and screw-eyes *n n*, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN B. MARSHALL.

Witnesses:

HENRY N. MILLER,
W. C. McARTHUR.