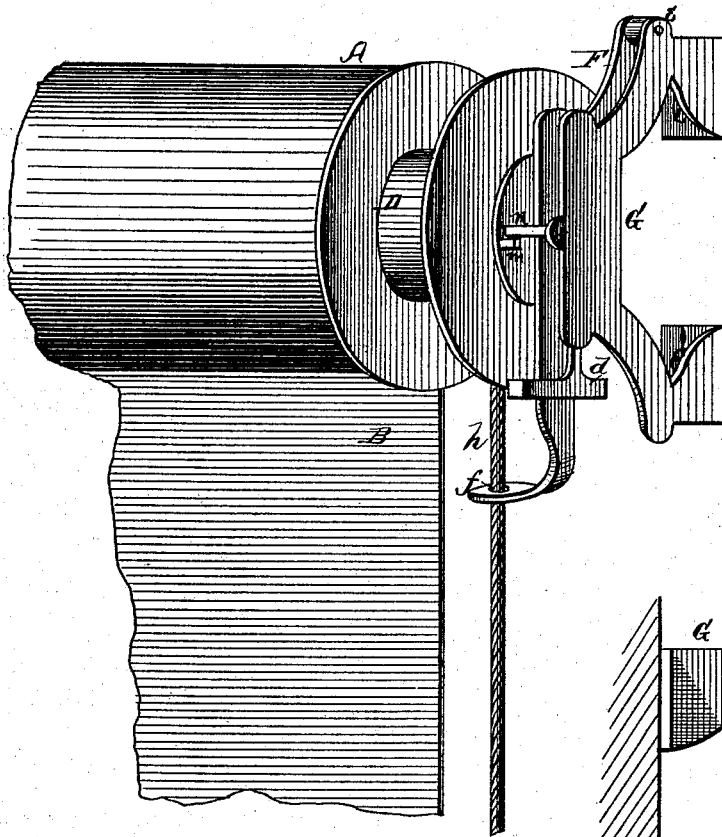


J. W. MACY.  
Curtain-Fixture.

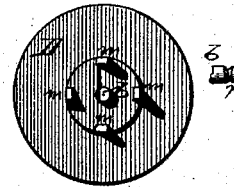
No. 219,490.

Patented Sept. 9, 1879.

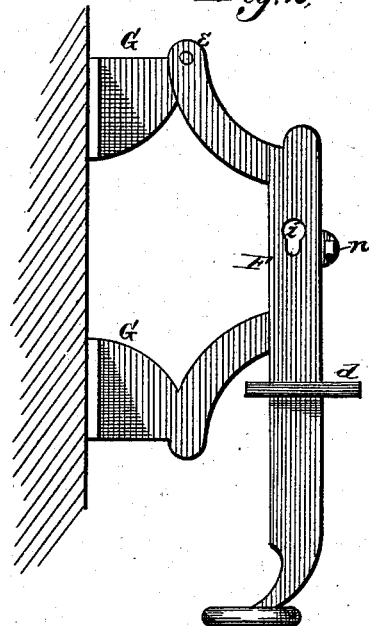
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



Witnesses:  
W. C. M. Austin,  
John C. Rogers

per

Inventor,  
John W. Macy,  
J. H. Alexander & Kellish

Attorneys.

# UNITED STATES PATENT OFFICE

JOHN W. MACY, OF TROY, OHIO, ASSIGNOR OF TWO-THIRDS OF HIS RIGHT TO  
T. KINCAID AND M. E. BAIRD, OF SAME PLACE, ONE-THIRD TO EACH.

## IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. **219,490**, dated September 9, 1879; application filed  
July 16, 1879.

*To all whom it may concern:*

Be it known that I, JOHN W. MACY, of Troy, in the county of Miami 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.

My invention relates to curtain-fixtures; and it consists in combining with a lever sustaining the weight of and holding in position one end of the curtain-roller a slotted flange or guide for said lever, the latter being so hung that the center of gravity is placed behind the center of the roller, thus giving the roller a backward tendency until a projection on the spool comes in contact with a similar one on the bracket, thus checking the motion of the roller, all as will be hereinafter more fully set forth, and pointed out in the claims.

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 drawings, in which—

Figure 1 is a perspective view of part of a curtain-roller, showing my fixture attached. Fig. 2 is a side view of my invention, and Fig. 3 is an end view of the roller.

A represents the curtain-roller, with the curtain B fastened thereto. At one end the roller is provided with a ferrule having a projecting pin, which rests in a bracket supporting the roller at that end. At the other end the roller is provided with the spool D, which has a projecting pin or bearing, *b*.

G represents the bracket for supporting this end of the roller. Near the top of this bracket, at *e*, is pivoted a lever, F, which extends downward and passes through a slotted flange or guide, *d*, that projects inward from the bottom of the bracket. The axis or bearing *b* of the roller has a circumferential groove, *x*, and

rests in a slot, *i*, in the lever F, which thus sustains the weight of the roller and curtain.

On the pulley or spool D are projections *m*, which serve to check the motion of the roller by coming in contact with a similar projection, *n*, on the bracket G.

*h* is the curtain-cord, which is attached to the pulley D, and passes through a hole at *f* in the end of the lever F. The lever F is hung so that the center of gravity, *e*, is placed behind the center of the roller A, and thus the weight of the roller and curtain will tend to swing the lever backward, and cause it to rest in such a position that one of the projections *m* will rest or lock with the projection *n* on the bracket, and thereby hold the curtain at rest. As soon as the hand takes hold of the cord *h* the lever F is caused to move outward through the guide *d* until the projections *m* will move free, when the motion of the curtain in either direction is secured.

I am aware that the various parts shown in my invention, with the exception of the slotted guide *d*, have been used in other combinations. I therefore lay no claim to either of them *per se*.

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

1. The slotted flange or guide *d*, projecting from the bracket G, in combination with the pivoted lever F, for the purposes herein set forth.

2. The combination of the roller-spool or pulley D, provided with projections *m*, the pivoted lever F, and the bracket G, having projection *n* and slotted guide *d*, substantially as and for the purposes herein set forth.

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

JOHN WARREN MACY.

Witnesses:

MAURICE E. BAIRD,  
JAMES KNIGHT.