

(No Model.)

F. H. BASSETT.  
CURTAIN FIXTURE.

No. 411,766.

Patented Sept. 24, 1889.

Fig. 1.

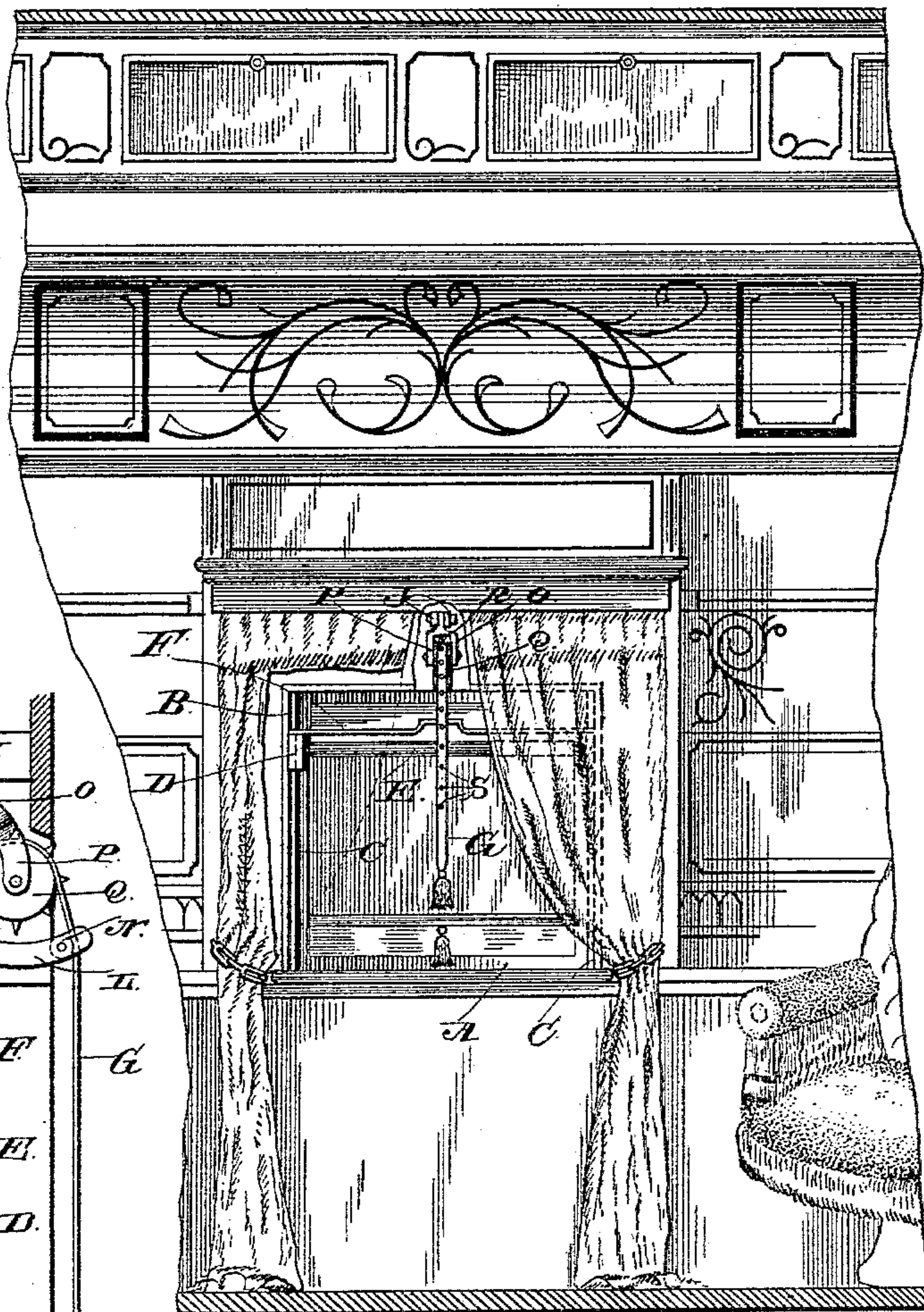
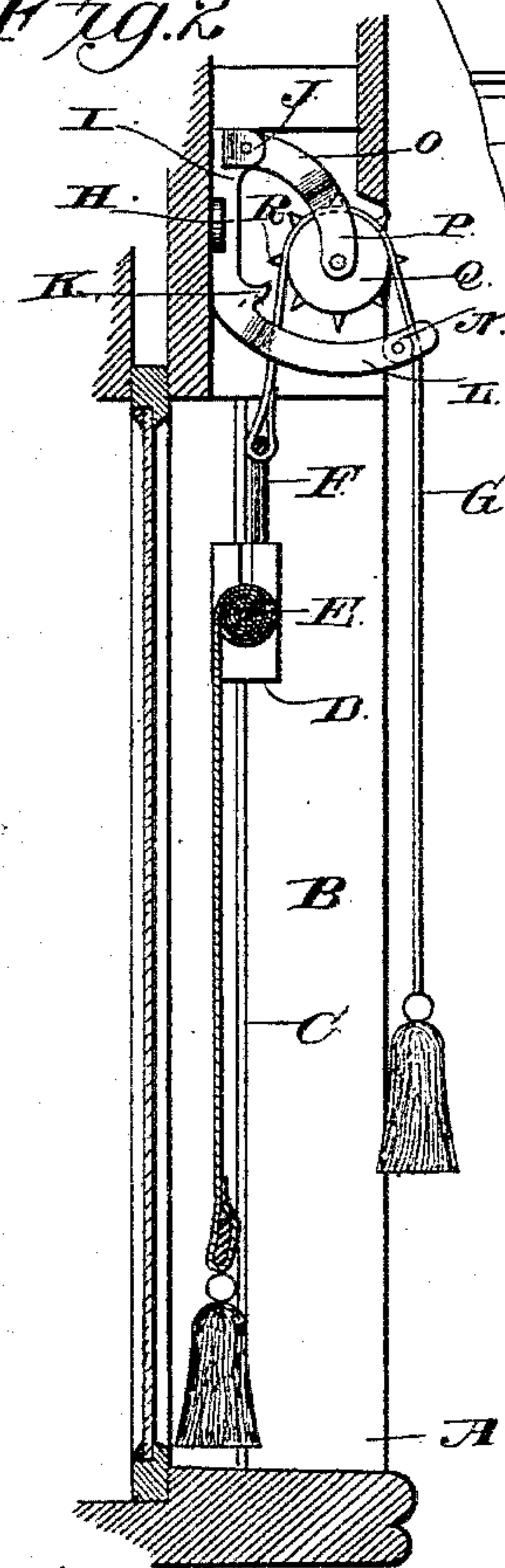
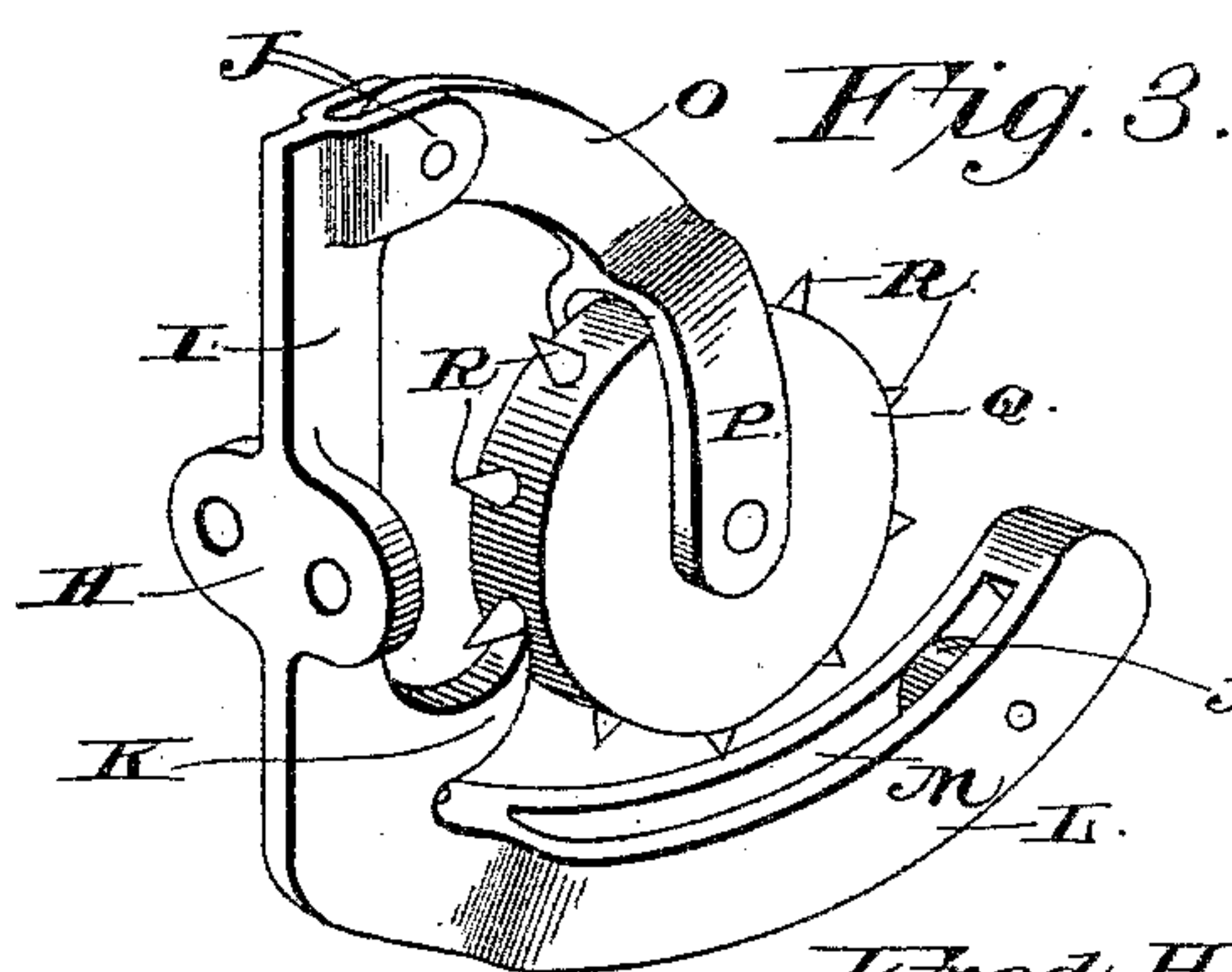


Fig. 2.



Witnesses  
*M. E. Fowler*  
*D. S. Rogers*



Inventor  
*Fred H. Bassett*

By his Attorneys  
*C. Snow & Co*



# UNITED STATES PATENT OFFICE.

FRED. H. BASSETT, OF SARANAC LAKE, NEW YORK.

## CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 411,766, dated September 24, 1889.

Application filed May 4, 1889. Serial No. 309,581. (No model.)

*To all whom it may concern:*

Be it known that I, FRED. H. BASSETT, a citizen of the United States, residing at Saranac Lake, in the county of Franklin and State of New York, have invented a new and useful Curtain-Fixture, of which the following is a specification.

My invention relates to improvements in curtain-fixtures especially adapted for car-windows; and it consists in certain novel features hereinafter described and claimed.

In the drawings, Figure 1 is a front view, and Fig. 2 is a side view, of a window, showing my improved device applied thereto. Fig. 3 is a detail perspective view of the curtain-operating devices.

Referring to the drawings by letter, A designates the window, the side bars B of which are provided with the vertical longitudinal ribs C on their inner opposing sides, as shown, and the said ribs are engaged by the sliding blocks D, in and between which the curtain-roller E is mounted. The said sliding blocks are connected by a cross bar or hanger F, and the elevating-band G has one end secured to the said hanger, as clearly shown in Figs. 1 and 2.

To the front side of the upper cross-bar of the window-frame I secure a bracket H, which consists of a vertical arm I, having the lugs J at its upper end and the tooth or spur K on its front side, near its lower end, and the horizontal arm L projecting forward from the lower end of the vertical arm. The said horizontal arm is provided with a longitudinal slot M, and near the front end of the said slot I arrange the transverse roller N. A hanger O is pivoted at its upper end between the lugs J, and is provided at its lower end with a bifurcation P, in which I arrange the wheel Q, having a series of pins R projecting radially from its periphery. The elevating-band G is provided with a series of perforations S, which engage the said radial pins R on the wheel Q, and the said band rises from the cross-bar F and passes over the wheel Q, and then downward over the roller N.

The operation of my improved device will, it is thought, be readily understood. The normal position of the parts is with the wheel Q swung inward so that one of its radial pins will engage the tooth K, and thereby prevent

the said wheel rotating, so that the curtain will be prevented from falling. When it is desired to raise or lower the curtain, the elevating-band is drawn outward or forward, thereby causing the hanger O to swing forward on its pivot, thereby carrying the wheel Q away from the tooth K, so that the weight of the curtain the cross-bar F, and the blocks D will be thrown directly on the pins R, and the said wheel Q thereby caused to rotate so as to lower the curtain. When it is desired to raise the curtain, the elevating-band is drawn upon so as to rotate the wheel Q in a contrary direction, as will be readily understood.

It will be observed that my device is very simple, and its efficiency and advantages are thought to be obvious. The wheel Q will be carried automatically toward the tooth K by reason of its own weight and the weight of the hanger O, and will be prevented from rotating so as to lower the curtain by one of the pins R contacting with the tooth K. The roller N and slot M serve to guide the elevating-band and prevent its swaying from side to side so as to be disengaged from the wheel Q, and thereby cause the binding of the several parts.

In place of the ribs C, I may use straight cylindrical rods, as this would be an equivalent means of guiding the blocks D in their sliding movement.

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

1. In a curtain-fixture, the combination of the bracket H, the hanger O, pivoted thereto, and the wheel mounted in the said hanger and adapted to engage a tooth on the bracket, as set forth.

2. The combination of the curtain-support, the bracket H, having the tooth K, the hanger O, pivoted to said bracket, the wheel Q, carried by said hanger and having a series of radial pins adapted to engage the said tooth, and the elevating-band secured to the curtain-support and passing over the wheel Q, and having a series of perforations engaging the pins on said wheel, as set forth.

3. The combination of the bracket having the vertical arm I, provided with a tooth K, and the lower arm L, provided with a longitudinal slot M, the roller N in said slot, the



hanger O, pivoted to the said arm I, the wheel Q, carried by said hanger and having a series of radial pins adapted to engage the tooth K, and the elevating-band rising from the curtain-support and passing over the wheel Q and the roller M, as set forth.

4. A curtain-fixture having its bracket provided with a swinging hanger O, the toothed wheel Q, mounted in the lower end of the hanger and adapted to engage a lug on the

bracket, and the elevating-band secured to the curtain-support and passing over the toothed wheel, as set forth.

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

FRED. H. BASSETT.

Witnesses:

JOHN H. SIGGERS,  
R. J. MARSHALL.