
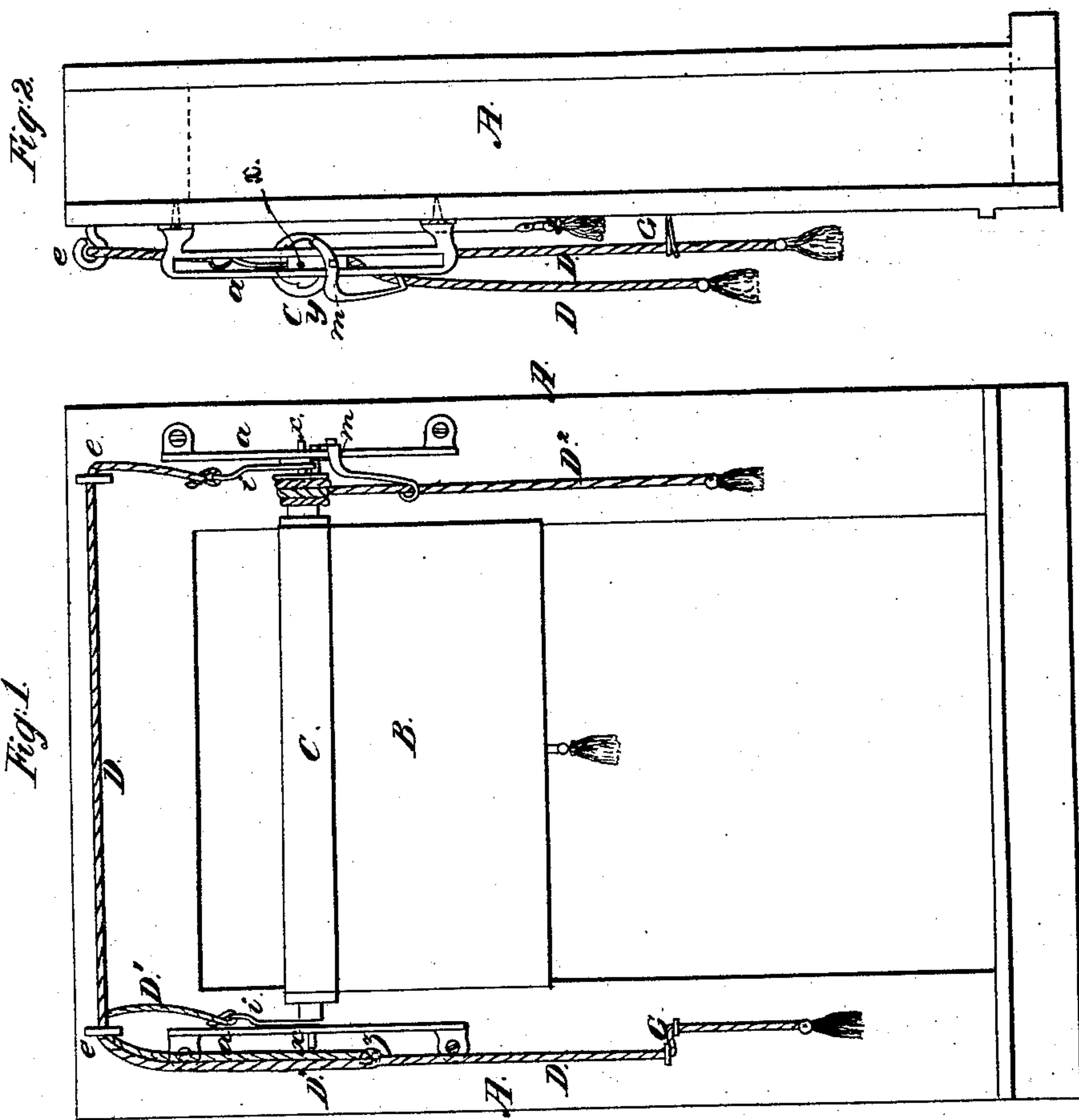


D. G. Morgan,
Curtain Fixture,
No. 67,337, Patented July 30, 1867.

Fig. 3.




Witnesses:
A. H. Marr
V. Stockbridge

Inventor.
D. G. Morgan
per
Alexander Wilson
Atty

United States Patent Office.

DAVID G. MORGAN, OF JORDAN, NEW YORK.

Letters Patent No. 67,337, dated July 30, 1867.

IMPROVED WINDOW-CURTAIN.

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, D. G. MORGAN, of Jordan, in the county of Onondaga, and in the State of New York, have invented certain new and useful improvements in Window-Curtains; and 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, making a part of this specification.

My invention consists in the attachment of a window-curtain in such a manner as to allow the room to be ventilated from the top by the letting down of the curtain; also in the devices for securing the curtain in the position desired.

In the annexed drawings, A represents the window-frame, to which the roller C, with its curtain B, is attached. These devices are of the usual forms and materials. Upon each side of the window is placed a metallic plate, *a*, having an oblong slot its entire length for the insertion of the pivots or tenons *x x* upon the ends of the roller. The plates *a a* may be made of any suitable length, and are attached near the top of the window-frame, so that the curtain can be lowered to the end of the slots in the plates. *i i* represent small wire hooks which are connected to the tenons *x x* on the roller, and to the ends of the cords D D'. It will be seen that this cord is connected to the left side of the window-frame, and passes up over the top of the curtain through loops *e e*, or their equivalents. Connected to the main cord (at *z*) is the cord D', which is secured to the near hook *i*, while the end of the main cord is tied to the far hook. G represents a metal rod so bent as to form a point on its doubled end, and with two small loops at the two ends of the rod (see fig. 3.) This rod or spring is thrust into the side of the frame for the connection of the lower part of the cord D, to hold the curtain the required distance from the top. It will be seen that the cord is first put into the left loop, and thence under and between the sides of the rod, and thence through the right loop, so that the cord is rigidly held where it is drawn by the weight of the curtain and roller. Upon one side of the roller C is a ratchet, *y*, into which catches the crooked dog *m*. The cord D², which is secured to the end of the roller, passes through this dog, and by means of its loop throws the dog from the ratchet and allows the roller to unwind.

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

The arrangement of the plates *a a*, wires *i i*, and cords D D', in combination with the roller C, ratchet *y*, and dog *m*, whereby the curtain is raised or lowered and secured by the spring-rod, in the manner substantially as and for the purposes specified.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of March, 1867.

DAVID G. MORGAN.

Witnesses:

ANTHONY B. PORTER,
F. D. WRIGHT.