

I. Kinnman.

- Curtain Fixture,

Nº 77,890.

Patented May 12, 1868.

Fig. 1.

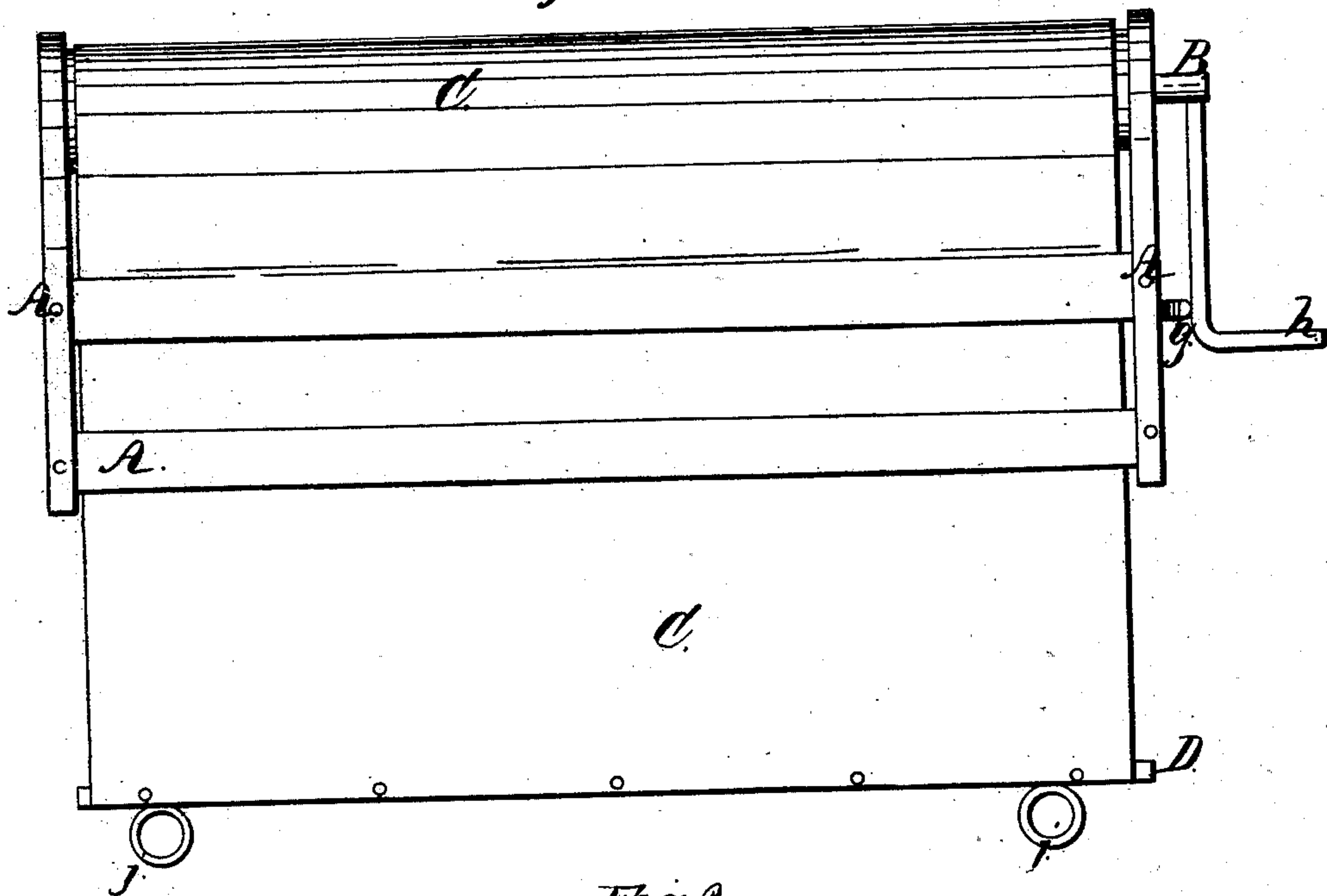
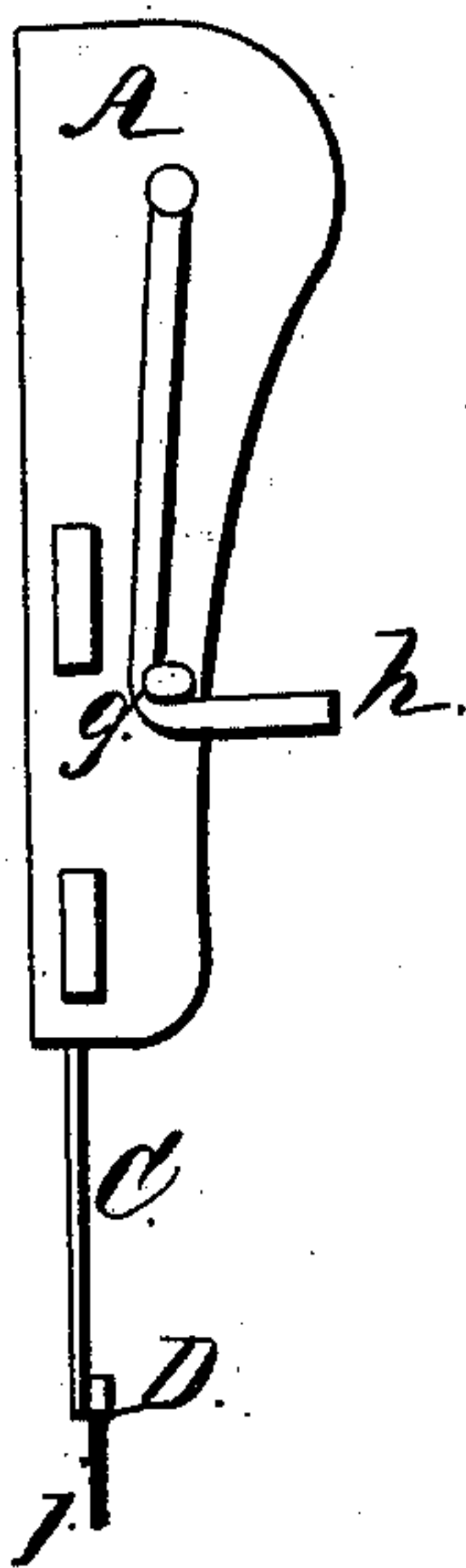


Fig. 2.



Witnesses:
N. D. Storkbriar
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Inventor;
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per *Alfred Watson*
Attys

United States Patent Office.

IRA KINMAN, OF FREEPORT, ASSIGNOR TO SARAH KINMAN, OF STEPHENSON COUNTY, ILLINOIS.

Letters Patent No. 77,890, dated May 12, 1868.

IMPROVED CURTAIN-FIXTURE.

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, IRA KINMAN, of Freeport, in the county of Stephenson, and in the State of Illinois, have invented certain new and useful Improvements in Roller for 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 the letters of reference marked thereon.

In the annexed drawings, making a part of this specification—

A represents a suitable frame, constructed as shown in the drawings, and which forms suitable bearings for the roller B to work and rest in.

C represents a curtain, used either for windows or for a stage-curtain, and is secured to its roller in any suitable manner, and has a slat, D, fastened to its lower end, as shown.

Upon one end of the roller B, I secure a crank, *h*, by which said roller is turned or revolved, and the curtain thereby elevated.

The crank *h* passes through the roller B, and turns therein, so as to hook or catch over the lip or catch *g* in the frame A.

The curtain is elevated or wound up as high as desired by means of the crank *h*, which is then turned in its socket in the roller B, and caught over the hook *g*, as above described.

The slat or strip D has rings or loops, *j j*, adjusted or inserted to its lower side, to provide a convenient means of pulling down or lowering the curtain C when the crank *h* is detached from the hook *g*. Said crank *h* makes a secure fastening for the curtain C, as will be seen.

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

The reversible crank-handle *h* and angular catch *g*, in combination with the roller B, and arranged to operate as set forth.

In testimony that I claim the foregoing, I have hereunto set my hand, this 22d day of February, 1868.

IRA KINMAN.

Witnesses:

THOMAS SMITH,
IRA HENDRICKS.