

C. A. KELLOGG.
Curtain-Fixture.

No. 219,270.

Patented Sept. 2, 1879.

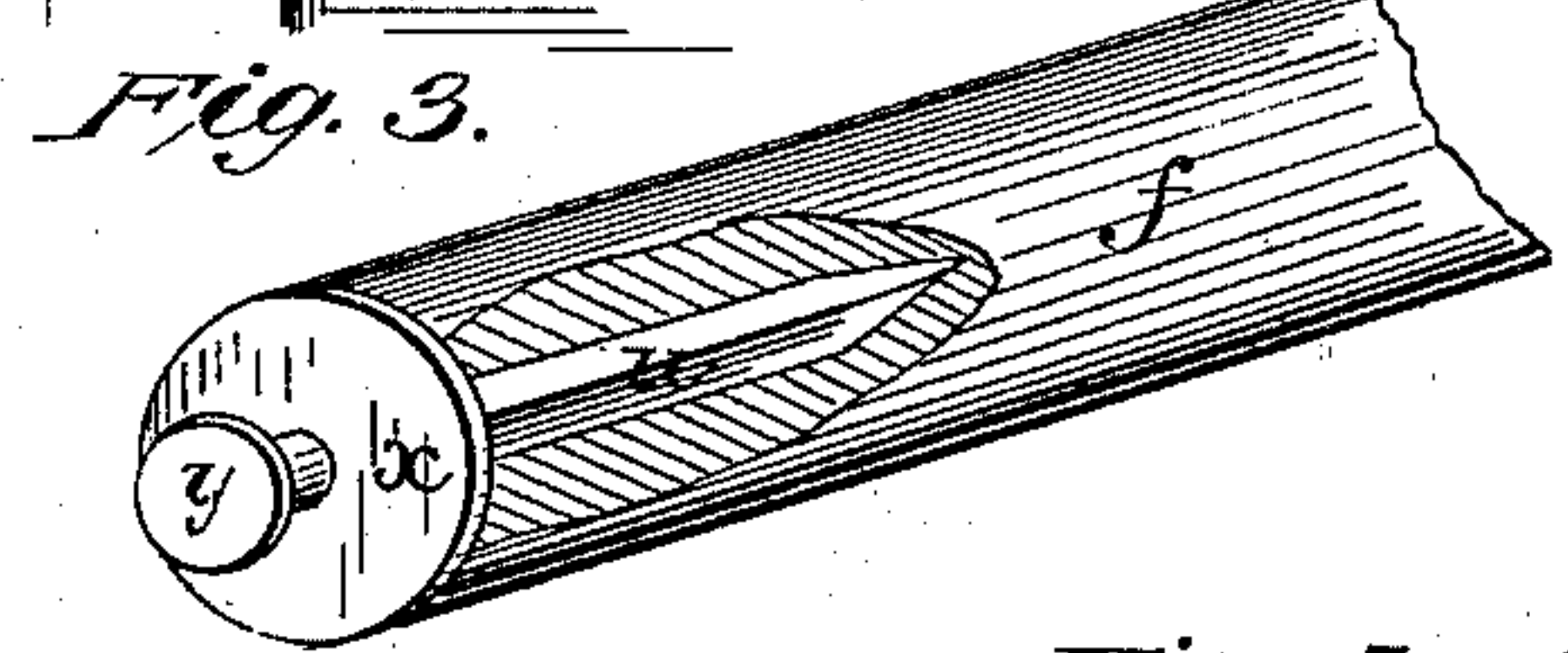
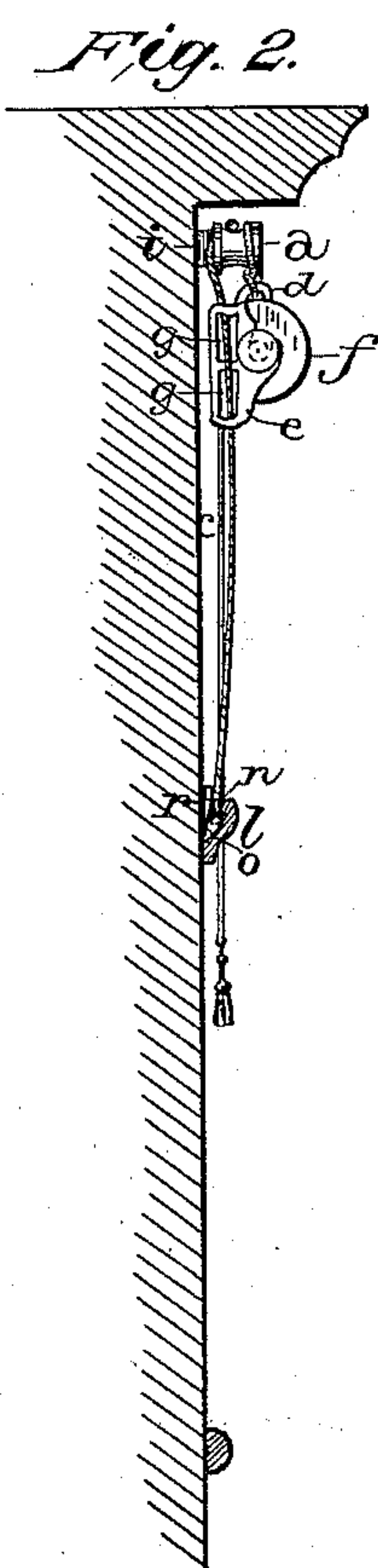
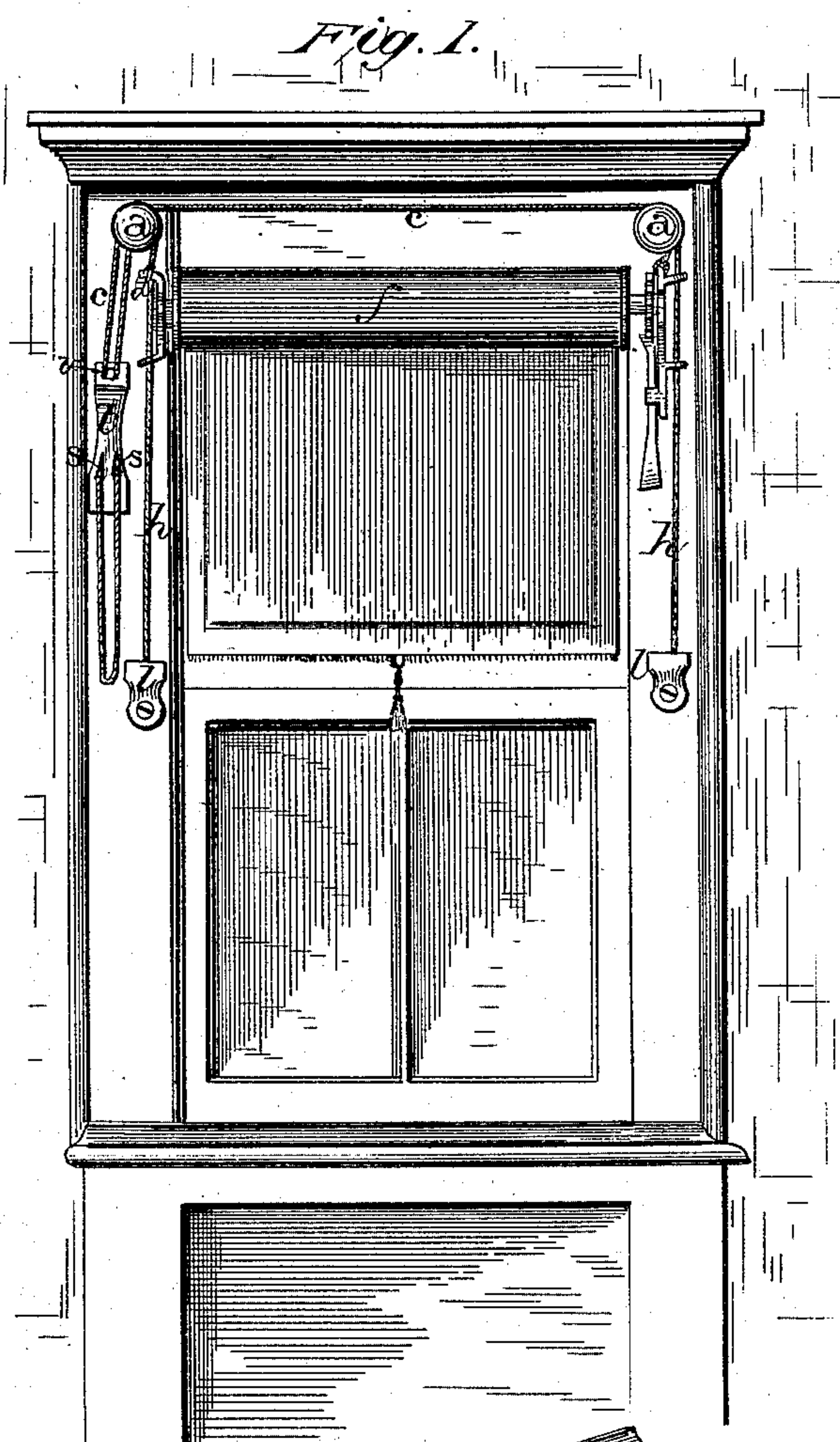


Fig. 4.

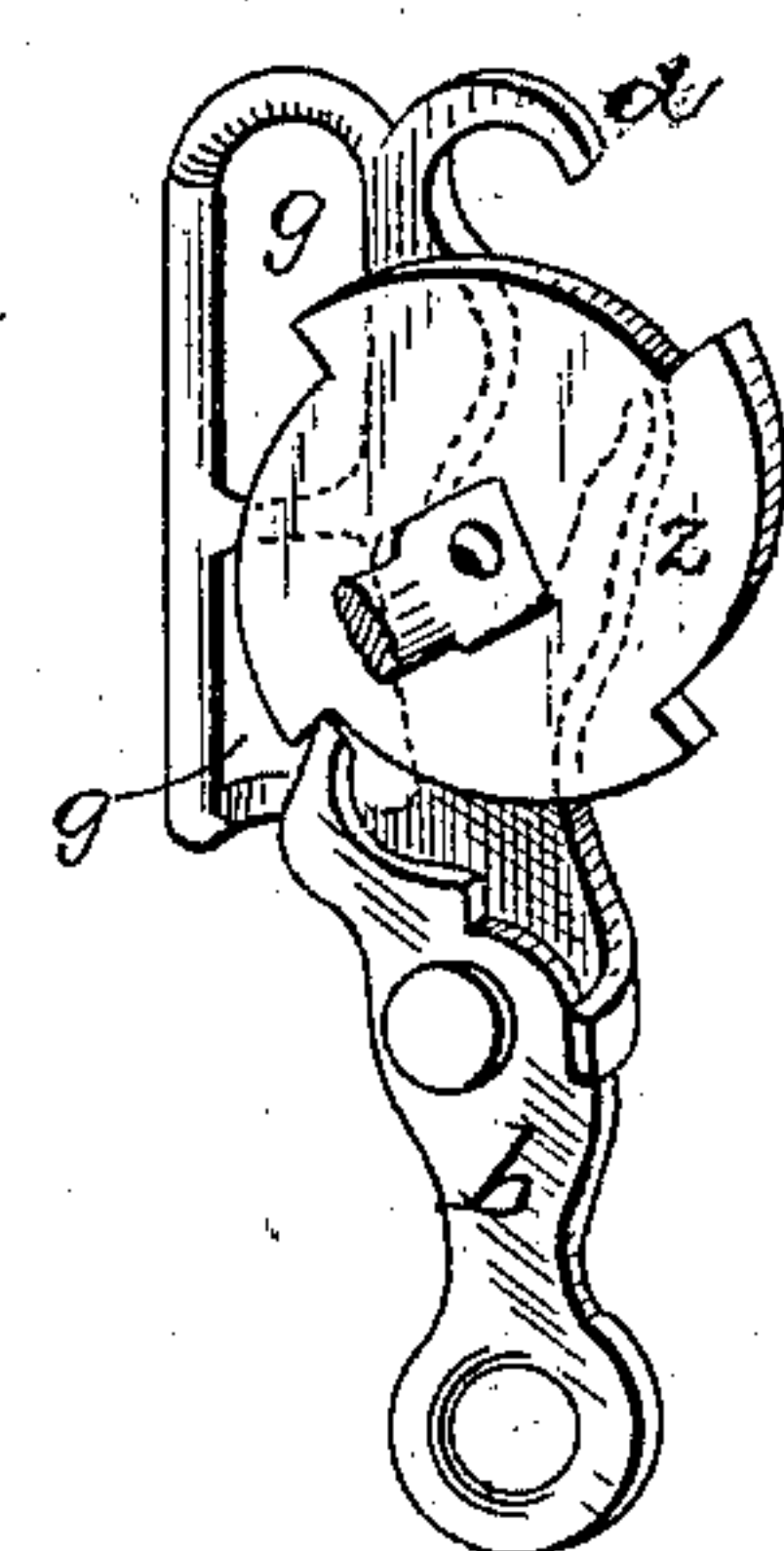
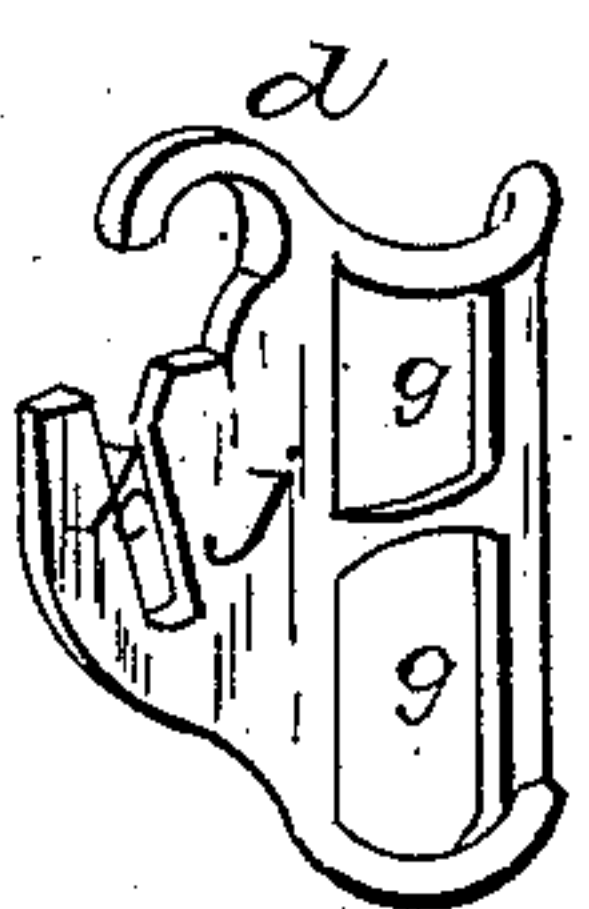


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. **219,270**, dated September 2, 1879; application filed July 2, 1879.

To all whom it may concern:

Be it known that I, C. A. KELLOGG, of Columbus Grove, in the county of Putnam and State of Ohio, have invented certain new and useful Improvements in Curtain-Fixtures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in curtain-fixtures; and it consists in the arrangement and combination of parts, upon which the curtain can be readily raised and lowered at its top and securely held at any desired elevation, the cords upon which the curtain moves up and down being secured at both top and bottom.

Figure 1 is a front elevation of my invention complete. Figs. 2, 3, 4, and 5 are detached views of the same.

At each of the upper corners of the window-frame is secured a fixed knob, *a*, over which the two ends of the supporting-cord *c* pass. Each end of this cord is fastened to a hook, *d*, on the upper end of the plate *e*, in which the roller *f* is journaled, and these plates have each a hole, *g*, at each end for the guiding-cords to pass through.

The two guiding-cords *h*, upon which the two plates *e* move up and down, carrying the roller *f* with them, are securely held at their upper ends by being passed in between the inner ends of the knobs *a* and the wooden disks *i*, which bear against the side of the window-frame. Before the knobs are screwed up tightly against the disks the ends of the cords are passed through the holes in the centers of the disks, as shown, and thus the cord is clamped against the window-frame and again between disk and knob, thus being doubly held. The lower ends of the cords have knots tied in them, and are made to catch in the recessed holders *l*, which are screwed to the sides of the window-frames, and which have the notches *n* made in their inner top edges, leading into the recesses *o* in their inner sides. For the purpose of holding the

cord out from the side of the window-frame just as far at its lower end as it is held at its top end by the disk, a wedge or block, *r*, of any kind is forced down into the notch *n*, as shown, between the window-frame and cord, Each cord being thus held away from the frame, the supporting-plates are free to move up and down.

That portion of the cord *c* which hangs down at one side of the frame, and which serves to draw the roller *f* up and down, passes through the two tapering slots *s* in the holding device *t*, and then up through the hole *v* in its top. After the roller has been adjusted to its proper height it is only necessary to pull the cord outward and slightly upward, when both branches of the cord will catch in one of the slots and be securely held. By means of the two tapering slots each branch of the cord will be securely held alike, without the slightest danger of slipping or having to crowd the upper one into the end, so that the lower one can catch, as is the case where only a single opening in the holder is made.

The pivots or bearings of the roller *f* consist of the long tenons *u*, which project into the ends of the roller, the plates or flanges *x*, which bear against the ends of the roller, and the pivots *w*, having the buttons *y* on their outer ends to prevent the roller from becoming detached from the plates *e*, all of which parts are cast in a single piece.

When a ratchet and lever are to be used the ratchet *z* will also be cast as a part of the pivot at one end, and a lever, *b*, will be pivoted to the lower end of the plate *e* at that end, to catch in the ratchet.

When a spring-roller is to be used, and be adjusted up and down, as here shown, the plate *e*, having the lever *z* pivoted to it, will be dispensed with, and the plate *j* used. This plate *j* is constructed like the plate *e* at the other end of the roller, with the exception that, instead of having a similar bearing for the pivot to rest in, it has the slightly-inclined recess *k* made in it.

Having thus described my invention, I claim—

1. The combination of the knob *a*, disk *i*,

and cord *h*, the cord having its end passed through the center of the disk, substantially as shown.

2. The combination of the holder *l*, having a notch, *n*, and recess *o*, with the cord *h* and wedge or block *r* whereby the lower end of the string is held out from the frame, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of June, 1879.

CLEMENT A. KELLOGG.

Witnesses:

DAVID JONES,
J. B. STRAIN.