C. A. KELLOGG.

CURTAIN FIXTURES.

No. 187,469. Patented Feb. 20, 1877.

Fig. 1.

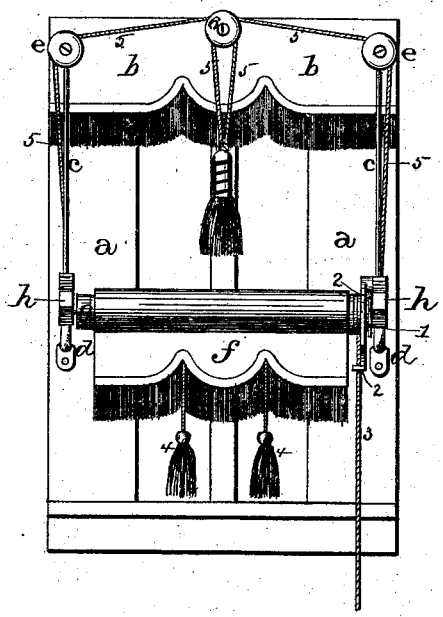
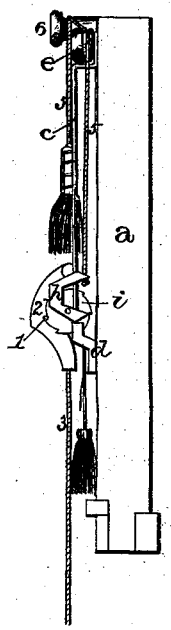


Fig. 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

CLEMENT A. KELLOGG, OF EAST PALESTINE, OHIO.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. **187,469**, dated February 20, 1877; application filed January 12, 1877.

To all whom it may concern:

Be it known that I, C. A. KELLOGG, of East Palestine, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Curtain-Fixture; 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 window-curtain fixtures; and it consists in the arrangement and combination of devices that will be more fully described hereinafter, whereby the roller, around which the curtain is rolled, can be raised and lowered, and the rods on which the bearings slide are fastened to the frame.

Figure 1 is a front elevation of my invention. Fig. 2 is a side view of the same.

a represents the window-frame, which has its upper part ornamented with the lambrequin *b*, of any desired construction and design, so as to relieve the bareness of this part when the curtain is lowered. Extending up each side of the frame *a* is a fine rod, *c*, of any suitable material, which have their lower ends supported in the brackets *d*. The upper ends of these rods are bent at right angles, so as to throw them outward from the frame as far as the brackets throw the lower ones, and have a hole through them, through which passes the same rod, screw, or nail that fastens the roller or knob *e* to the frame. The brackets *d* are formed as shown, and are fastened by a single screw, so that they can be readily removed, and thus leave the lower ends of the rods free, so that the curtain can be removed entirely from them whenever so desired.

The curtain *f* is fastened to the roller *g*, which is journaled at each end in a sliding bearing, *h*, which move freely up and down upon the two rods *c*. These bearings are made triangular in shape, and in each arm or branch is made a hole, through which the rod *c* passes, so as to hold the bearing straight, and prevent any binding and unnecessary strain in raising and lowering the curtain.

When the bearings have but a single opening through them the strain from the cord in one direction, and the strain from the curtain in the other, cause them to catch and bind on the rods.

When constructed as above described, these bearings move readily and evenly upon the rods, without any useless friction or danger of getting out of repair.

Upon end of the roller is formed the round ratchet *i*, with which a stud, 1, on the side of the pivoted lever 2, engages, to prevent the curtain from running down. This lever 2 is pivoted at its upper end to the inside of the bearing *h*, is curved downward and outward, as shown, and has a hole through its lower end, through which passes the curtain-cord 3. The curve of the lever is such that when the cord is pulled slightly the stud 1 is drawn back out of contact with the ratchet, when the weighted tassels 4 will cause the curtain to unroll, or the curtain may descend from its own weight alone.

In order to raise the roller and curtain to any desired height on the rods, a cord, 5, is fastened to each sliding bearing, and is then passed up over and around the rollers or knobs *e*, around the central knob or roller 6, and then have their two ends secured to a weighted tassel, 7, which is heavy enough, in addition to the friction on the rollers of the cords, to sustain the roller wherever desired.

Having thus described my invention, I claim—

1. The rods *c*, bent at their upper ends, and having a hole through them, so that the same bolts or screws that secure the knobs or rollers *e* to the frame shall secure the rods also, in combination with the brackets *d*, substantially as shown.

2. The brackets *d*, of the form and construction shown, in combination with the rods *c*, bent at their upper ends, so as to be uniformly distant from the frame all their length, as specified.

3. The sliding triangular bearings *h*, rods *c*, curtain-roller, and cords 5, combined as described, for raising and lowering the roller.

4. The sliding triangular bearings *h*, curtain-roller journaled therein, lever 2, pivoted

to one of the bearings, and provided with a stud or catch, 1, combined with a ratchet, *i*, on the end of the roller, and a cord, 3, substantially as set forth.

5. The combination of the rods, sliding bearings, cords 5, knobs or rollers *e* 6, and tassel 7, substantially as specified.

In testimony that I claim the foregoing I have hereunto set my hand this 5th day of January, 1877.

CLEMENT A. KELLOGG.

Witnesses:

J. T. CHAMBERLIN,

JACOB TODD.