

(Model.)

W. KLEMM.
Curtain-Cord Tightener.

No. 227,269.

Patented May 4, 1880.

Fig. 1

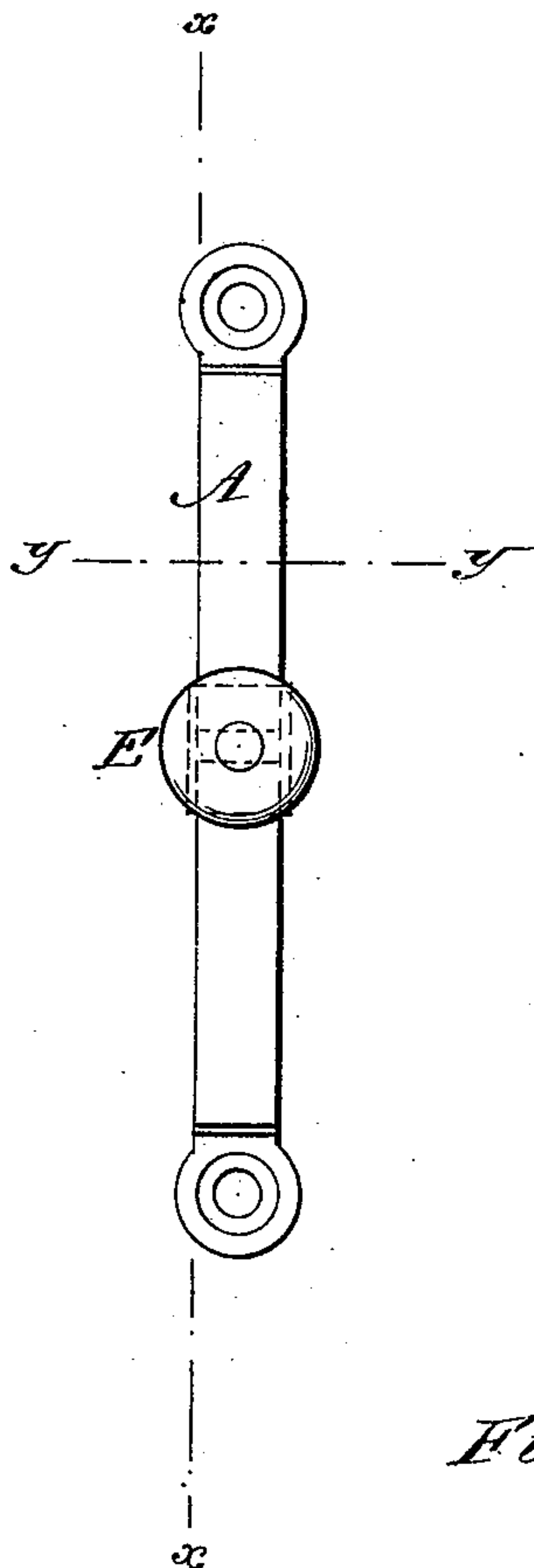


Fig. 2

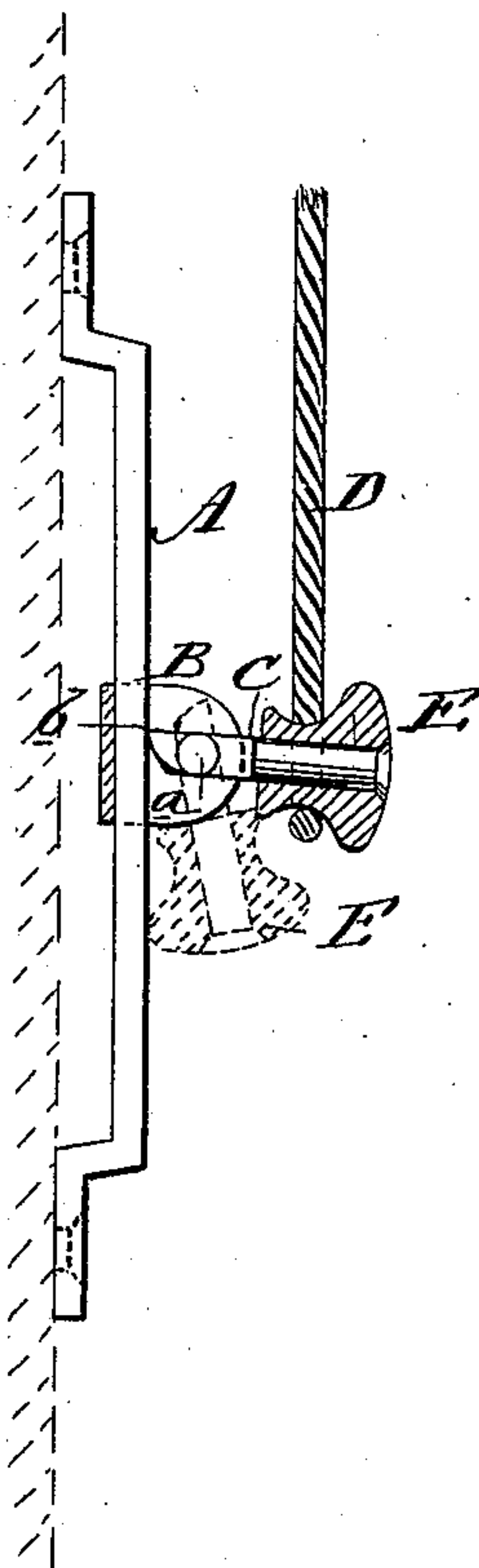
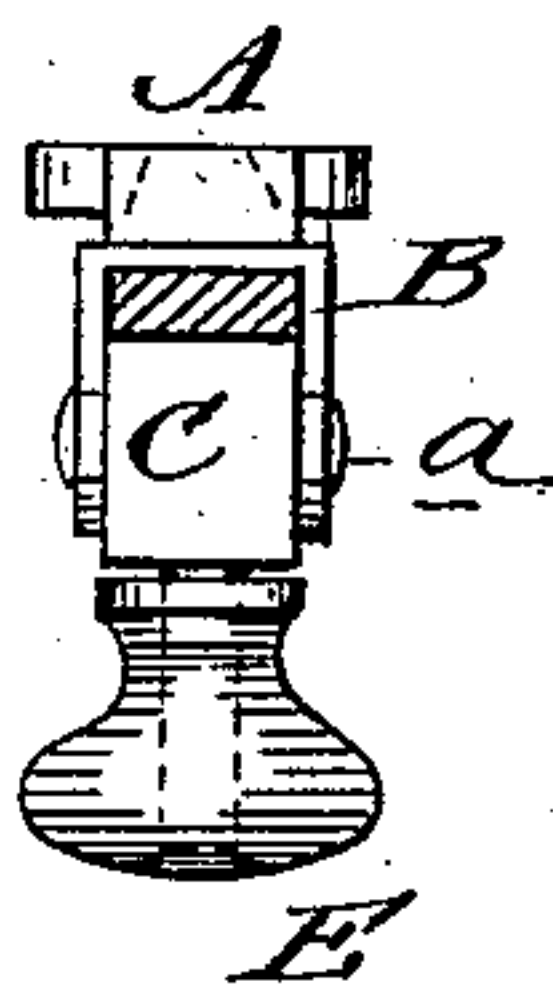


Fig. 3



WITNESSES:
C. Neveu
C. Sedgwick

INVENTOR:
W. Klemm
BY *Mum & Co.*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM KLEMM, OF PITTSBURG, PENNSYLVANIA.

CURTAIN-CORD TIGHTENER.

SPECIFICATION forming part of Letters Patent No. 227,269, dated May 4, 1880.

Application filed March 2, 1880. (Model.)

To all whom it may concern:

Be it known that I, WILLIAM KLEMM, of Pittsburg, Allegheny county, and State of Pennsylvania, have invented a new and useful
5 Improvement in Curtain-Fixtures, of which the following is a specification.

The object of this invention is to provide an improved device to be placed on a window-frame for holding and adjusting a curtain-
10 cord.

The invention consists of a cam pivoted in a clamp that slides on the vertically-placed rack, so that the tension of the cord that is passed around the outer end of the cam shall
15 force the inner end of the cam against the face of the rack and hold said cam and clamp immovable.

Figure 1 is a front elevation of the device. Fig. 2 is a side elevation, partly in section, on
20 line *x x*, Fig. 1; and Fig. 3 is a transverse section on line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the rack. B
25 is the clamp set about the rack A and held in position by the cam C, which is pivoted on a pin, *a*, that passes transversely through the projecting ears of the clamp B. The inner end of this cam C is beveled, as shown at *b*,
30 so that when the curtain-cord D, which is

passed around the knob or button E on the outer end of the said cam C, is at its proper tension the point of the cam C engages against the face of the rack A, and is thereby prevented from farther upward movement. When the
35 cord D is removed the said cam C will fall to the position shown in dotted lines, Fig. 2.

To tighten the curtain-cord the clamp B is drawn or pushed down. To slacken the cord the long arm of the cam C is pressed down
40 slightly to disengage its end *b* from the face of the rack A, and the clamp B is then pushed up.

Having thus described my invention, I claim as new and desire to secure by Letters Pat-
45 ent—

1. As an improved article of manufacture, a curtain-cord rack, constructed substantially as herein shown and described, consisting of a rack, A, clamp B, and pivoted cam C, as set
50 forth.

2. In a curtain-cord rack, the combination, with the sliding clamp B, of the cam C, substantially as herein shown and described, whereby said clamp is held in position on the
55 rack, as set forth.

WILLIAM KLEMM.

Witnesses:

V. M. STEEN,
F. MASON.