

W. H. Bechtel.

Curtain Fixture.

No. 106,248.

Patented Aug. 9, 1870.

Fig. 1.

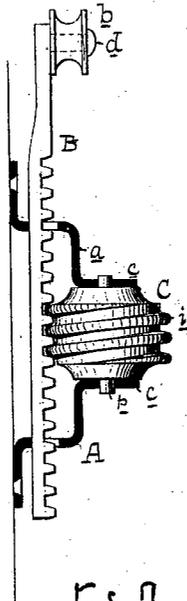
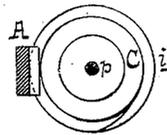


Fig. 2.



WITNESSES.

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WILLIAM HENRY BECHTEL, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 106,248, dated August 9, 1870.

IMPROVEMENT IN SHADE-CORD RETAINER.

The Schedule referred to in these Letters Patent and making part of the same.

I, WILLIAM HENRY BECHTEL, of Philadelphia, county of Philadelphia, State of Pennsylvania, have invented a Retainer and Adjuster for Window-shade Cords, of which the following is a specification.

Nature and Object of the Invention.

My invention consists of the combination of a rack, having a pulley or hook for receiving the cord of a window-shade, a plate for receiving and guiding the said rack, and for attachment to the window-frame, and a cylinder, with a spiral rib or thread, adapted to the rack, and arranged to turn in the said plate, the whole being constructed and arranged for the retaining and adjusting of a window-shade cord, substantially as described hereafter.

Description of the Accompanying Drawing.

Figure 1 is a sectional elevation of my improved shade-cord retainer, and

Figure 2, a sectional plan.

General Description.

A represents a plate, to be secured by screws or otherwise to a window-frame, and this plate has a projection, *a*, which serves as a guide for the rack B, the upper end of the latter being provided with a pin, *d*, on which turns the cord-pulley *b*.

In projections *c c*, on the plate A, turn the journals of a cylinder, C, a rib or thread, *i*, being arranged spirally on the cylinder, like that of an ordinary screw-thread, and the teeth of the rack B being inclined to suit the thread.

The rack B is elevated or lowered by turning the cylinder C in one direction or the other, to tighten or loosen the cord, which passes round the pulley *b*, the cylinder serving to lock to the rack and retain the cord after adjustment.

It will be understood that the upper end of the rack may be simply hooked for receiving the cord, instead of having a pulley, as shown and as described above.

Claim.

The combination of the frame A, its projections *c c*, the sliding rack B, and the cylinder C, having a spiral thread adapted to the teeth of the rack, all as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM HENRY BECHTEL.

Witnesses:

F. B. RICHARDS,
HARRY SMITH.