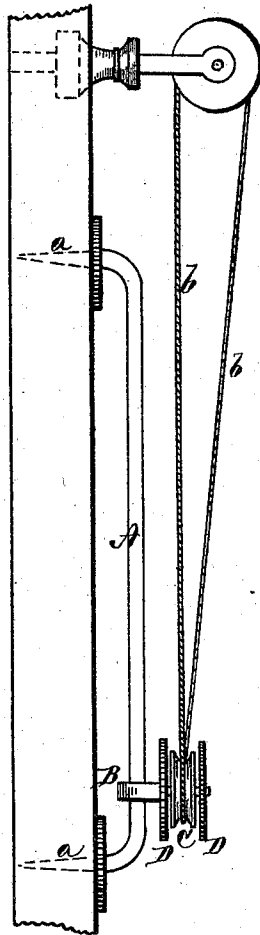


F. WALKER.
Curtain-Fixtures.

No. 140,976.

Patented July 15, 1873.



Witnesses:

Frank L. Curand.

C. L. Evers

Inventor.

Felix Walker
per
Alexander Mason

Attorneys.

UNITED STATES PATENT OFFICE.

FELIX WALKER, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. **140,976**, dated July 15, 1873; application filed April 11, 1873.

To all whom it may concern:

Be it known that I, FELIX WALKER, of New Orleans, in the parish of Orleans and in the State of Louisiana, have invented certain new and useful Improvements in Devices for Holding Curtain-Cords; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a device or apparatus for adjusting and holding curtain or other cords, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which represents a side view of my invention.

I first construct, of iron or any other suitable material, a bar, A, smooth and round, of any suitable or desired length. The ends *a a* of this bar are pointed, and about one inch of the same turned at right angles, so as to form something like a long staple. B represents a "clutch-lever" made of iron or any other suitable metal, through one end of which a hole is made slightly larger but of the same shape as the bar A. The other end of the lever B is formed with a spindle, upon which is placed a friction-wheel or pulley, *c*, secured between two thin disks, D D, and over this wheel or pulley a cord, *b*, is to run. This lever B, with the friction-wheel attached, is intended to slide freely on the smooth bar A until the cord becomes tightened, when the lever will clutch the bar and hold the cord at any tension desired, for the clutch-lever will not slip when there is any tension on the cord. In attaching this improved cord-adjuster and holder to a window, the two pointed ends *a a* of the bar A are driven into the casing of the window, so that the said bar will be perpendicular, the lever B having first been placed upon the bar. The cord *b* is then passed over the pulley at the top of the window, and around the friction-wheel

C on the clutch-lever B, and the ends of the cord attached, so that the clutch-lever will be near the upper end of the bar A, when a slight downward pressure of the clutch-lever B will tighten the cord and retain it at that tension. A very slight tightening of the cord will prevent the clutch-lever B from slipping upward.

By the employment of the round rod, as described, no screws or nails are used to attach it and the clutch to the window-frame; and whenever the lower portion (which is the part mostly used) becomes worn too smooth or becomes too small for the clutch to effectually act upon it, the rod can be easily detached from the frame and turned around, end for end, and again applied to the frame, so that the clutch will act and be held upon the unworn portion.

Another advantage in the round rod is that the clutch will hold upon it, no matter what angle the wheel is placed with respect to the window-frame. Oftentimes, by twisting the wheel and clutch a very little out of the perpendicular line of the cord, as usually placed, the cord is sufficiently tightened to hold the shade in the position desired.

This device is neat, easily attached, strong, and not liable to get out of order, and not costly in its manufacture.

I am aware of the patent for cord-fasteners granted to B. Gusman, dated February 17, 1857, and hereby disclaim the elements shown and described in said patent as being my invention.

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

The combination of the reversible round bar A with bent and sharpened ends *a a*, the clutch B, wheel C, and disks D D, all used with an endless cord, *b*, as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of February, 1873.

FELIX WALKER.

Witnesses:

J. PARIS CHILDRESS,
ANTHONY WHALON,