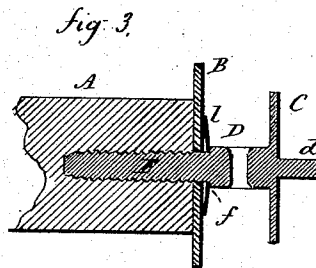
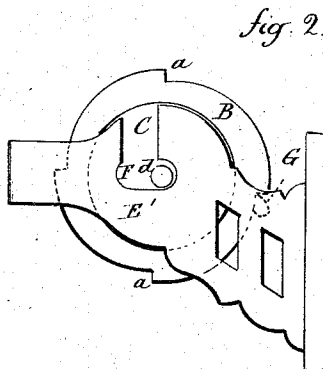
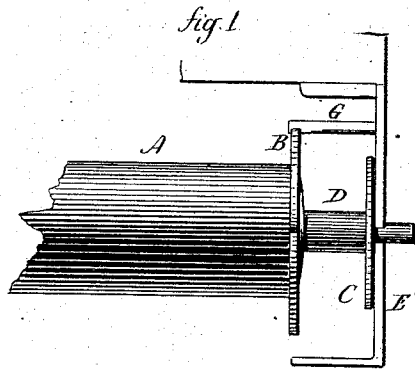


C. BUCKLEY & L. L. SAWYER.
Curtain-Fixtures.

No. 157,489.

Patented Dec. 8, 1874.



Witnesses
J. H. Shumway
A. J. Tibbitts

Chauncy Buckley & Lodovick L. Sawyer
 Inventors
 By atty.
John E. Earle

UNITED STATES PATENT OFFICE.

CHAUNCEY BUCKLEY AND LODOWICK L. SAWYER, OF MERIDEN, CONN.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. 157,489, dated December 8, 1874; application filed March 5, 1874.

CASE B.

To all whom it may concern:

Be it known that we, CHAUNCEY BUCKLEY and LODOWICK L. SAWYER, of Meriden, in the county of New Haven and State of Connecticut, have invented a new Improvement in Curtain-Fixtures; and we do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a top view; Fig. 2, an end view; and in Fig. 3, a longitudinal section.

This invention relates to an improvement in the device for which Letters Patent of the United States were granted to Chauncey Buckley, (one of these applicants,) dated February 18, 1873, the object of the present invention being to simplify and cheapen the construction; and it consists in making the barrel of the pulley and one head, the screw, and pivot in one piece, the other head of the pulley serving as the friction-plate, all as more fully hereinafter described.

A is the roll; B, a disk or plate lying against the end of the roll, its edge provided with one or more teeth or notches, *a*. C is the other head of the pulley, on which is formed a pivot or trunnion, *d*; and upon the inside of this head the barrel D is formed, and on the barrel a threaded screw, E, a shoulder, *f*, being formed between the barrel and the screw. The screw is passed through the plate B into

the roll; and between the shoulder *f* and the plate B the friction disk or plate *l* is placed, so that the bearing or friction upon the plate B may be adjusted by turning the screw E to a greater or less distance into the roll. E' is the bracket, in which is an elongated seat, F, for the pivot *d* to rest in; and from the bracket an arm, G, extends in, as seen in Fig. 1, so as to engage a tooth or notch on the plate B, which will hold the roll to support the curtain in any position; but the friction on the plate yields, so that taking hold of the curtain it may be drawn down, the roll turning while the plate B remains stationary, and the turning of the roll winds the cord upon the barrel D; then, when the cord is drawn upon to wind the curtain, the roll moves forward in the elongated seat F, so as to free the plate B from the arm G, and prevent any friction or obstruction in rolling up the curtain, this operation being substantially the same as in the Buckley patent before referred to.

We do not claim any of the parts described, except as in the combination hereinafter specified, the parts in themselves being old.

We claim as our invention—

The combination of the roller A, barrel D, toothed plate B, and friction-plate *l*, substantially as set forth.

CHAUNCEY BUCKLEY.
LODOWICK L. SAWYER.

Witnesses:

JOHN PARKER,
RALPH A. PALMER.