ANTHONY ROELOFS.

Improvement in Curtain-Fixtures.

No. 126,835. Patented May 14, 1872.

Fig. 1.

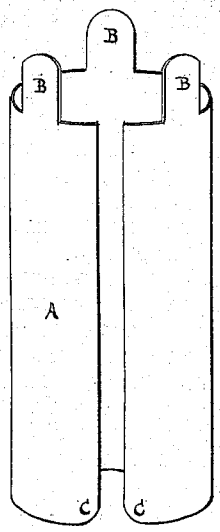


Fig. 2.

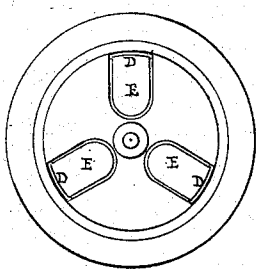


Fig. 3.

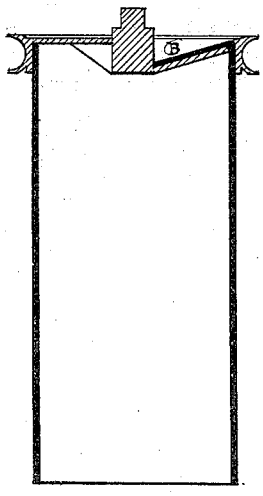
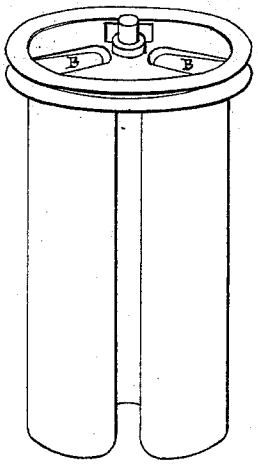


Fig. 4.



Witnesses.

Lancaster Thomas.

D Bergin

Inventor.

Anthony Roelofs

UNITED STATES PATENT OFFICE.

ANTHONY ROELOFS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CURTAIN-FIXTURES.

Specification forming part of Letters Patent No. 126,835, dated May 14, 1872; antedated May 6, 1872.

Improvement in Shade-Fixtures.

My invention relates to an improvement in that class of window-shade fixtures in which the usual cord-pulley and disk are secured to short tubes, adapted to the ends of and rendered adjustable upon the shade-roller; and my invention consists of a ready method, fully described hereafter, of securing the said tube and pulley or disk together.

In the accompanying drawing, Figure 1 is a perspective view of a tube adapted to either end of a window-shade roller, and constructed in accordance with my invention for attachment to a cord-pulley or disk; Fig. 2, an end view of the pulley; Fig. 3, a sectional view of the pulley and tube secured together; Fig. 4, a perspective view of Fig. 3.

A represents a tube, made of sheet metal, and slotted or split longitudinally on one side, as shown in Figs. 1 and 4, so that it may be sprung open to a slight extent in fitting it over the end of a shade-roller and bind tightly upon the latter when released, and so as also to afford a passage for the edge of the shade through one side of the said tube. The cord-pulley and disk, commonly used in connection with shade-rollers, are each secured to one of these tubes, the usual method of fastening being by soldering. The operation of and the great quantity of material used in soldering, however, adds considerably to the cost of the fixtures—an objection which I have overcome by securing the tube and pulley or disk together in the manner which I will now proceed to describe.

On that end of the tube which is to be secured to the pulley are formed lugs B B B; and in the pulley are formed corresponding holes D D D, through which the said lugs are passed, the fastening being completed by bending the ends of the said lugs downward and inward into depressions or pockets E formed on the exterior of the pulley. The disk, to be secured to the end of the shade-roller opposite that to which the pulley is attached, is connected to the tube in the same manner.

It will be evident that, instead of the separate depressions or pockets E, a continuous annular depression could be formed on the exterior of the pulley or disk for the reception of the bent ends of the lugs of the tube.

I claim as my invention—

The combination of the tube A and its lugs B with a pulley or disk having holes for the passage of the said lugs, and a depression or depressions for the reception of the bent ends of the same, all substantially as specified.

ANTHONY ROELOFS.

Witnesses:

D. BERGIN,

LANCASTER THOMAS.