

(No Model.)

T. ARNDT.
Curtain Cord Tightener.

No. 238,202.

Patented March 1, 1881.

Fig. 1.

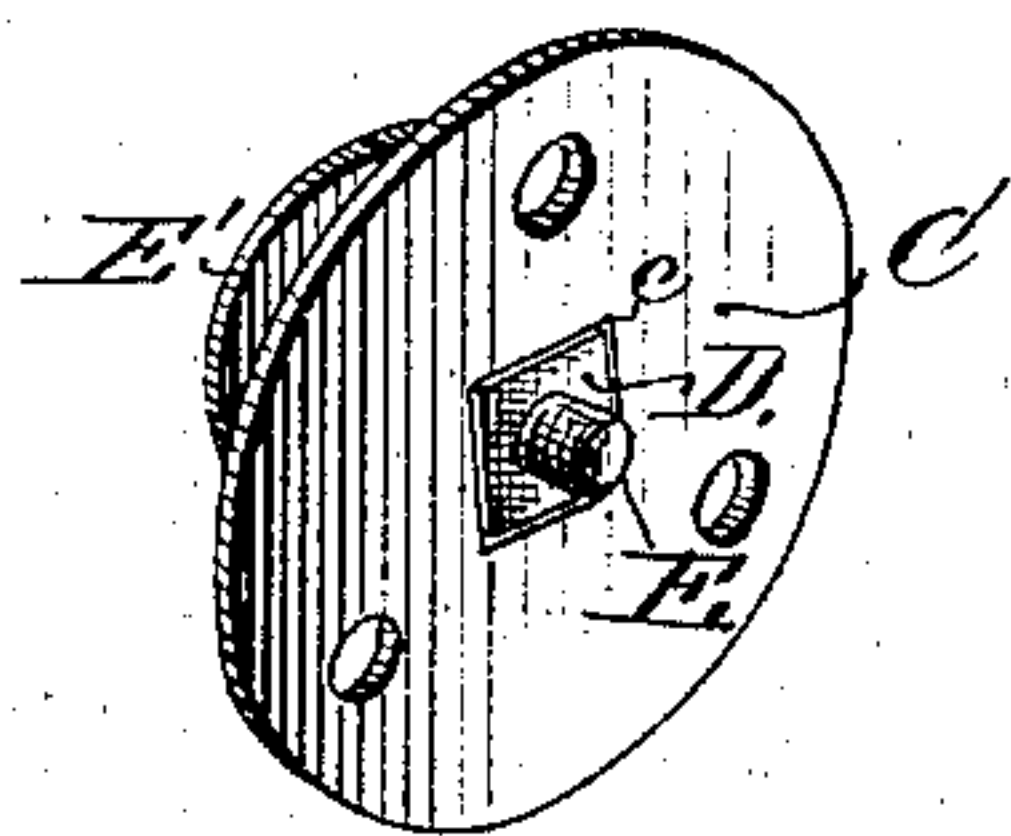


Fig. 2.

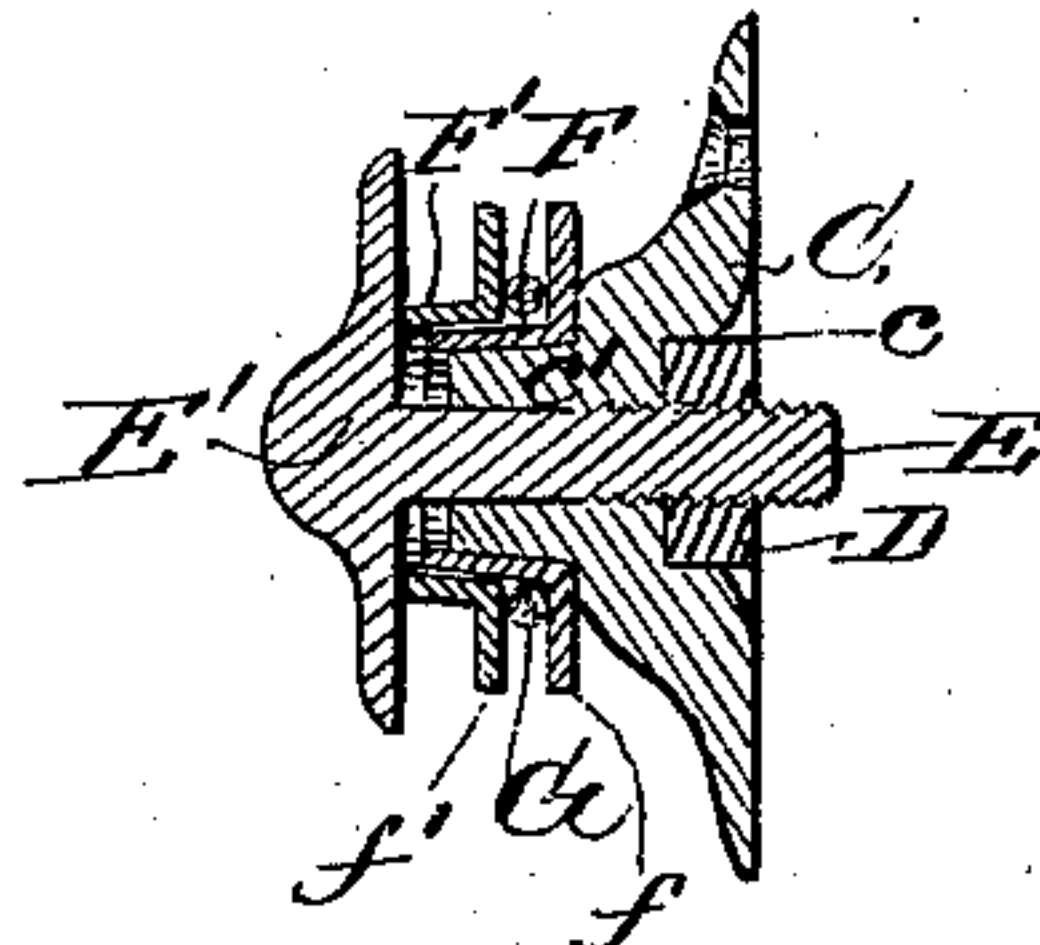
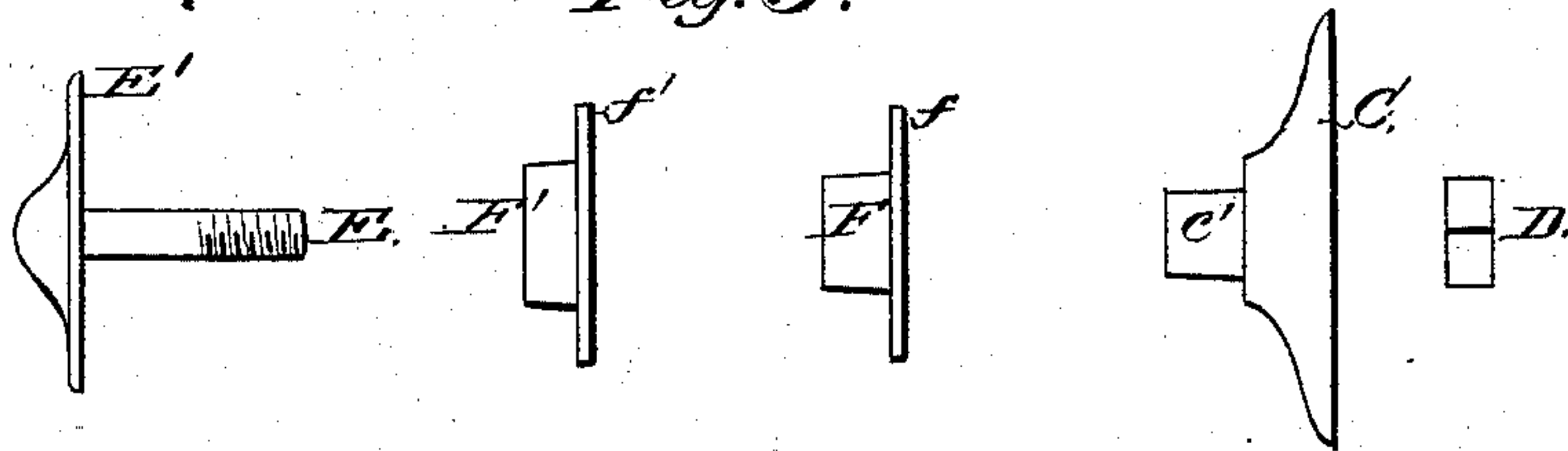


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

THEOPHILUS ARNDT, OF MOUNT JOY, ASSIGNOR OF ONE-HALF TO CHRISTIAN
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CURTAIN-CORD TIGHTENER.

SPECIFICATION forming part of Letters Patent No. 238,202, dated March 1, 1881.

Application filed August 21, 1880. (No model.)

To all whom it may concern:

Be it known that I, THEOPHILUS ARNDT, a citizen of the United States, residing at Mount Joy, in the county of Lancaster and State of Pennsylvania, have invented certain new and useful Improvements in Curtain-Fixtures; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

This invention is an improvement on the curtain-fixture described in my Patent No. 185,470, granted December 19, 1876.

The nature of said invention will be hereinafter more particularly set forth and claimed.

In the aforesaid patent (to which reference is hereby made for explanation of the general arrangement and operation of my curtain-fixture) the endless supporting-cord is described and shown as passed twice around two doubly-grooved upper cord-holders, and also once around two lower cord-holders which are not doubly grooved. Experience has demonstrated that it is desirable to lessen the friction at each point where the cord touches any one of the holders, and also to provide for holding the cord with adjustable tightness.

In the accompanying drawings, Figure 1 represents a detail rear perspective view of one of my improved lower cord-holders. Fig. 2 represents a vertical longitudinal section through

said lower cord-holder. Fig. 3 represents the parts of said lower holder detached.

In said drawings, C designates the attaching or supporting plate of one of the lower cord-holders. It is provided with a prismatic recess, *c*, on its rear side and a tubular extension, *c'*, on its front. A central aperture passes through said extension and plate into said recess. A nut, D, fits within said recess *c*, and receives the screw-threaded end of a spindle, E, which has at its outer end a disk or plate, E'. A flanged collar or small sleeve, F, turns freely on extension *c'*, and a second similar flanged collar or sleeve, F', turns on the former collar F. The cord G passes around the cylindrical part of collar F, between the flanges *f f'* of said collars. By screwing the little spindle E toward or from plate C the gripe of these flanges upon the side of said cord is tightened or loosened at will. The said collars also act as anti-friction devices for said cord.

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

The combination of flanged anti-friction collars F F' with a cord and adjustable cord-holder, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

THEOPHILUS ARNDT.

Witnesses:

C. H. ZELLER,

JNO. H. ZELLER.