J. H. WILHELM.

Curtain Fixture.

No. 105,871. Patented July 26, 1870.

Fig. 1.

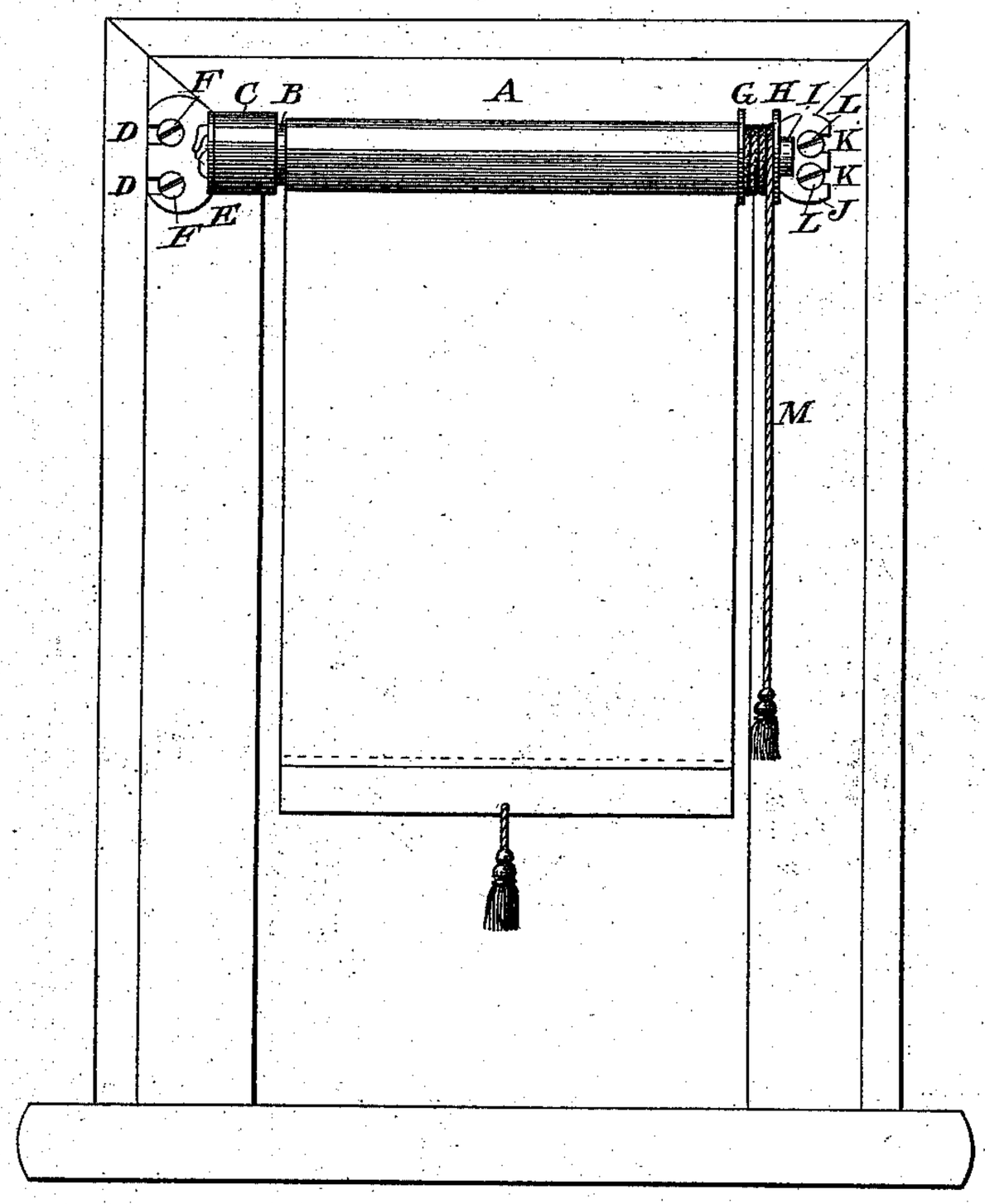


Fig. 2.

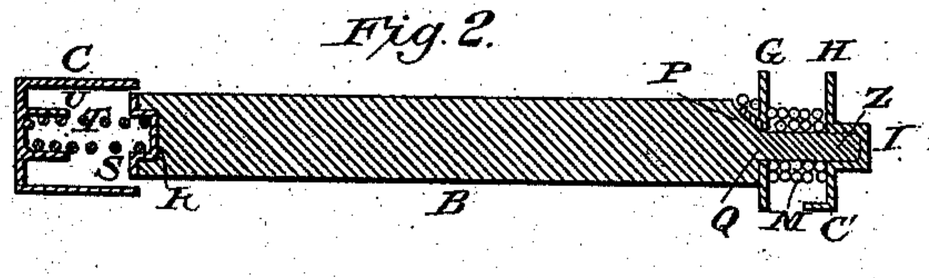


Fig. 4.

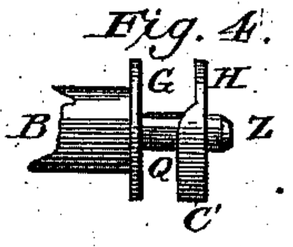
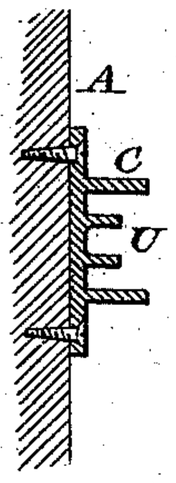


Fig. 3.



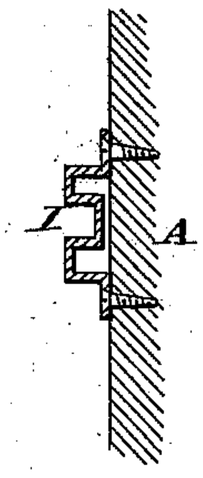
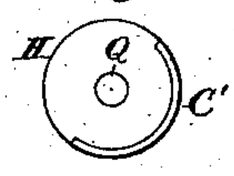


Fig. 5.



Witnesses:

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Inventor.

John H. Wilhelm

United States Patent Office.

JOHN H. WILHELM, OF CHICAGO, ILLINOIS.

Letters Patent No. 105,871, *dated July* 26, 1870.

IMPROVED CURTAIN-FIXTURE.

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

To all whom it may concern:

Be it known that I, JOHN H. WILHELM, of Chicago, in the county of Cook and State of Illinois, have invented an "Improved Curtain-Fixture; and I do hereby declare that the following is a full and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing and letters marked thereon making a part of this specification, in which—

Figure 1 is an elevation of a window with my curtain-fixture attached.

Figure 2, a section of the roller and fixture.

Figure 3, a section of the inside brackets, the form necessary to be used when it is required that they be fastened to the jams of the window-frame.

Figure 4, a front elevation of the spool and bracket, showing the cord-guard.

Figure 5, an end elevation of the spool and bracket.

The object of this invention is to provide an adjustable window-curtain fixture that can be easily made and put up, conveniently operated, and not liable to get out of repair; and

Its nature consists in the combination and arrangement of parts as hereinafter more fully described.

B, fig. 2, represents a wooden roller, so turned as to form a spool, Q, journal Z, and to have a shoulder to which a collar-plate, G, corresponding to the spool collar-plate H of the bracket H I, is firmly tacked, and having a hole in the large end to receive the socket R.

The cord M, figs. 1 and 2, is attached, by means of an orifice, to the spool collar-plate G, a small portion of the wood being cut out of the side of the roller, back of the orifice, to allow the knot on the cord to lie flush with the roller.

The roller B being originally made of sufficient length, the large end may be sawed off so as to adjust it to windows of various widths, and the socket R is then placed securely in the hole bored in the end of the roller.

H I, fig. 2, is a bracket, so constructed that the socket I has a spool collar-plate, H, with a cord-guard, *c'*. The guard *c'* is designed to prevent the cord M from running into the narrow space between the journal Z and the socket I.

By the use of the bracket H I, the difficulty of getting a spool of sufficient capacity for a large curtain, without throwing the edge of the curtain at an objectionable distance from the window-jam, is avoided.

The bracket C, fig. 2, is a double socket, consisting of the outer roller-guide C and the spring-holder U.

R is a spring socket-guide, having a washer, S, that rotates within the socket C, thereby protecting the spring T from lateral pressure.

The spring T being larger in diameter than the socket U, when pressed into said socket is held firmly by its own elasticity.

The socket R, also, serves as a guide to said spring, and affords a washer against which spring T operates, and is made larger in diameter than the socket U, so as to rotate freely around the spring T that projects within it.

Having described my invention,

What I claim, and desire to secure by Letters Patent of the United States, is—

The spring socket-guide R, the double socket C U, in combination with the cylindrical coiled spring T, roller B, spool collar-plate G, bracket H I, and cord guard C', when all the parts are constructed and arranged to operate as herein described for the purpose specified.

JOHN H. WILHELM.

Witnesses:

G. L. CHAPIN,

E. E. GIBSON.