

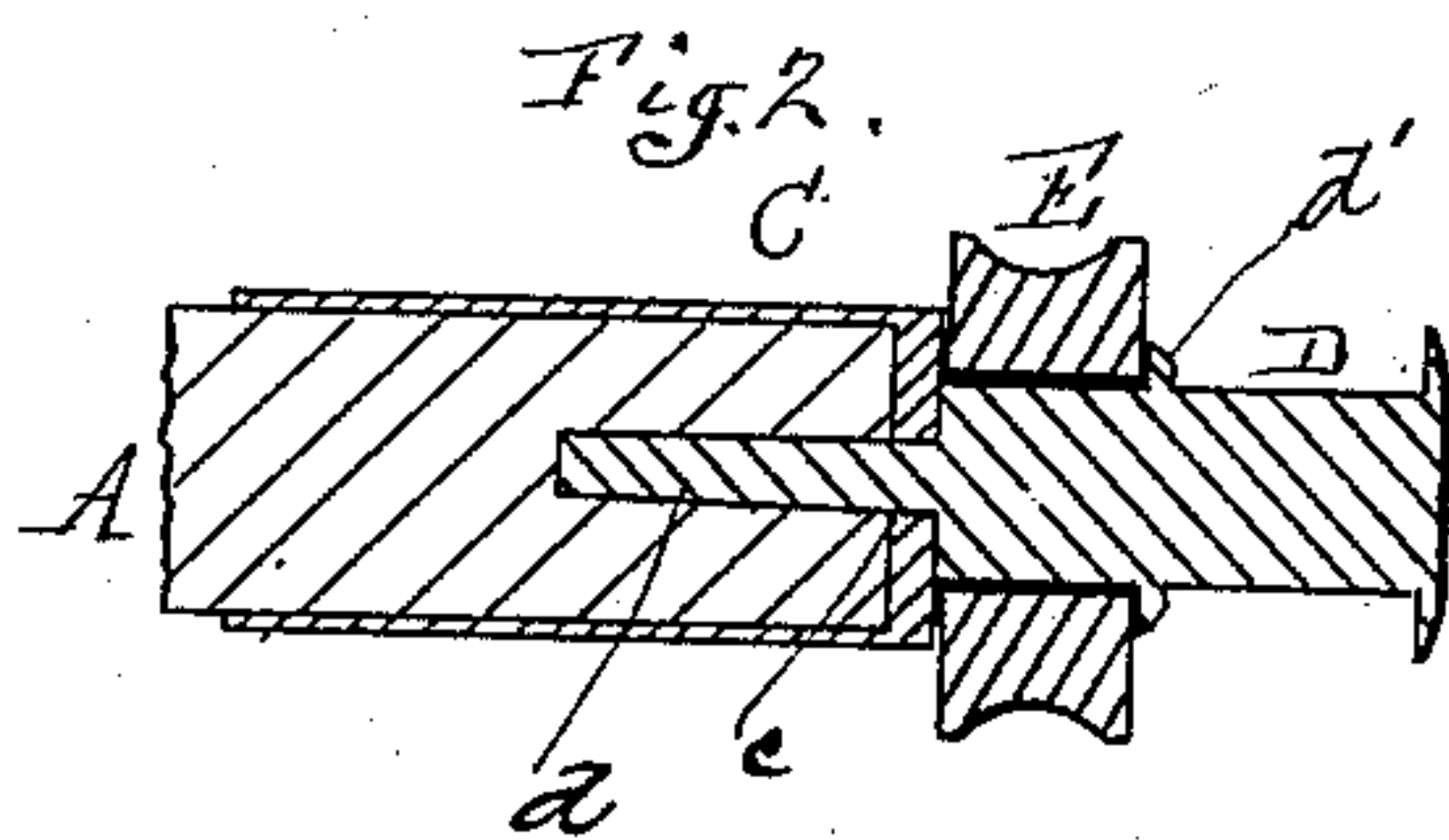
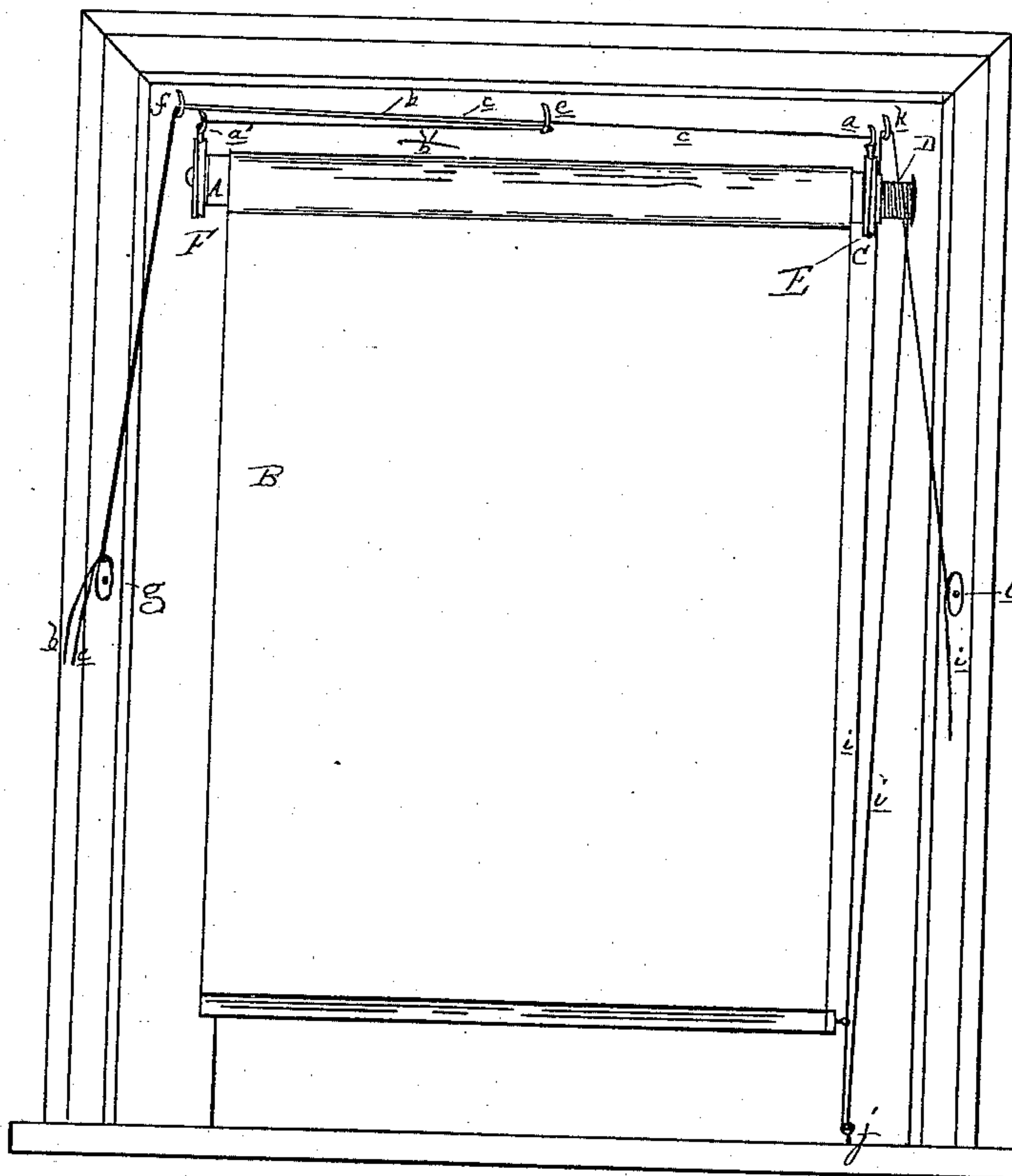
(No Model.)

W. C. KELLY.  
CURTAIN FIXTURE.

No. 264,303.

Patented Sept. 12, 1882.

Fig. 1.



Attest:  
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# UNITED STATES PATENT OFFICE.

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## CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 264,303, dated September 12, 1882.

Application filed March 15, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WALLACE C. KELLY, of Hastings, in the county of Barry and State of Michigan, have invented new and useful Improvements in Curtain-Fixtures; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to curtain rollers and fixtures; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth, and be specifically pointed out in the claim.

The invention is fully illustrated in the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a front elevation, and Fig. 2 a detail section.

Referring thereto, A represents the roller, driven upon one end of which is the thimble C, perforated at *c* to receive the shank *d* of the spool D. This spool has an annular flange, *d'*, which serves the double function of forming one side of the spool proper and of serving as an abutment for the concave pulley-roller E, to confine the latter in place. The shank *d* may be either driven or screwed into the end of the roller. A roller, F, similar to the roller E, is loosely secured to the opposite end of the roller by any of the well-known means.

A curtain, B, weighted at its lower end, is properly secured to the roller, as represented in Fig. 1.

The curtain-roller is supported from the window by two cords, *b c*, of even length. The cord *c* passes from the screw-eye *a* down around the roller E, up and through the screw-eye *a*, through the screw-eyes *e f*, and down to the fastening-button *g*. The other cord, *b*, passes from the screw-eye *a'* under and around the roller F, up through the screw-eye, *a'*, through and around the screw-eye *e* and down through the screw-eye *f* to the fastening-button *g*, both

cords meeting at the screw-eye *e*. By this peculiar manner of arranging the cords *b c* their loose terminal ends are both brought to one side of the window-frame, so that they cannot be seen upon the curtain, while they are also made of exactly the same length, so as to prevent one cord from becoming longer or shorter than the other under the influence of the state of the atmosphere. By loosening the cords *b c* at their lower ends the roller A can be raised or lowered to any desired point of the window.

The curtain can be raised or lowered upon its roller by rolling it upon the same by means of the cord *i*, which is wound around the roller D in a direction opposite to that in which the curtain is wound upon the roller A. The cord *i* passes from the roller or pulley D downward, through and around a stationary screw-eye, *j*, up and around a similar screw-eye, *k*, and down to a fastening-button, *l*. By this construction it will readily be seen that by pulling the cord *i* it will turn the roller and wind the curtain, while by releasing it the curtain will unwind by gravity. The cord *i*, in its downward passage from the pulley D, passes through a guide-eye secured to the curtain-stick, so as to keep the curtain in proper position while being raised or lowered.

I am aware that it is not new to hang curtain-rollers by means of cords and pulleys in such a manner that the roller can be raised or lowered at will, such construction being shown in the Patent No. 186,198, and I do not claim the invention shown in said patent.

What I claim is—

The combination, with the roller A, of the sleeve C, pulley E, and the pulley D, having an annular flange, *d'*, and a shank, *d*, substantially as and for the purpose specified.

WALLACE C. KELLY.

Witnesses:

JOHN BESSMER,  
JAMES M. HALL.