

G. W. Nell,
Curtain-Cord Tightener.

N^o 55344.

Patented June 5, 1866.

Fig. 1.

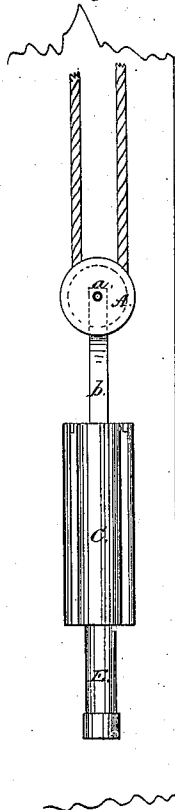


Fig. 2.

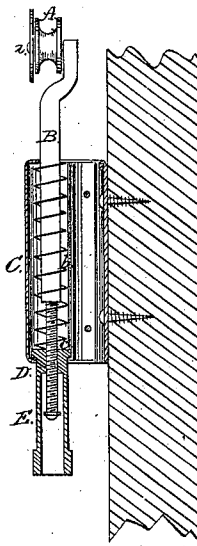
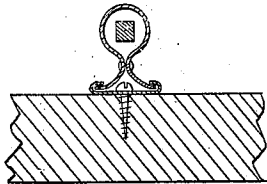


Fig. 3.



Witnesses;
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UNITED STATES PATENT OFFICE.

G. W. NELL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVED CURTAIN-FIXTURE.

Specification forming part of Letters Patent No. 55,344, dated June 5, 1866.

To all whom it may concern:

Be it known that I, G. W. NELL, of the city and county of Philadelphia, State of Pennsylvania, have invented a new and Improved Shade-Cord Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front elevation of this invention. Fig. 2 is a vertical central section of the same. Fig. 3 is a horizontal section of the same.

Similar letters of reference indicate like parts.

This invention relates to a shade-cord-holder, which is composed of a roller secured to a square rod which slides up and down in a suitable case, and which is provided with a screw-shank screwing into a tubular button, which turns freely in the bottom end of the case, being constantly depressed, by the action of a spring, in such a manner that by said spring the cord, which passes round the roller, is subjected to a certain tension, which can be increased and decreased by turning the tubular button, and by these means the tension of the cord can be so regulated that the shade is sustained in any position in which it may be brought.

A represents a grooved roller, which turns loosely on a pin, *a*, secured in the upper end of a rod, B. This rod is square or of any other suitable cross-section which will prevent it

from turning in its socket, and it slides up and down freely in the case C, which is intended to be fastened to the window-frame or casing.

The bottom end of the rod B is rounded, and forms a screw-shank, D, which is tapped into a tubular button, E, as shown in Fig. 2. This button is fitted into the bottom part of the case C, and it is provided with a shoulder, *c*, which prevents it dropping out of said case. A spiral spring, *b*, which is inclosed by the case C, depresses the button E, which, however, is free to revolve in its socket.

If the shade-cord is applied to the roller A, it will be subjected to a tension which depends upon the strain exerted by the spring *b*, and by turning the tubular socket the rod B can be lengthened and shortened, and the strain can thus be diminished or increased at pleasure. A shade-cord holder is thus obtained which is cheap and simple in its construction, which is easily operated, and not liable to get out of order, and which accommodates itself to the changes in the atmosphere, allowing the cord to lengthen or shorten within certain limits without rendering the same too loose.

What I claim as new, and desire to secure by Letters Patent, is—

A shade-cord holder composed of a sliding rod, B, with screw-shank D, spring *b*, and tubular button E, constructed and operating substantially as and for the purpose set forth.

G. W. NELL.

Witnesses:

DR. G. KELLNER,
PHILIP GROSSMAN.