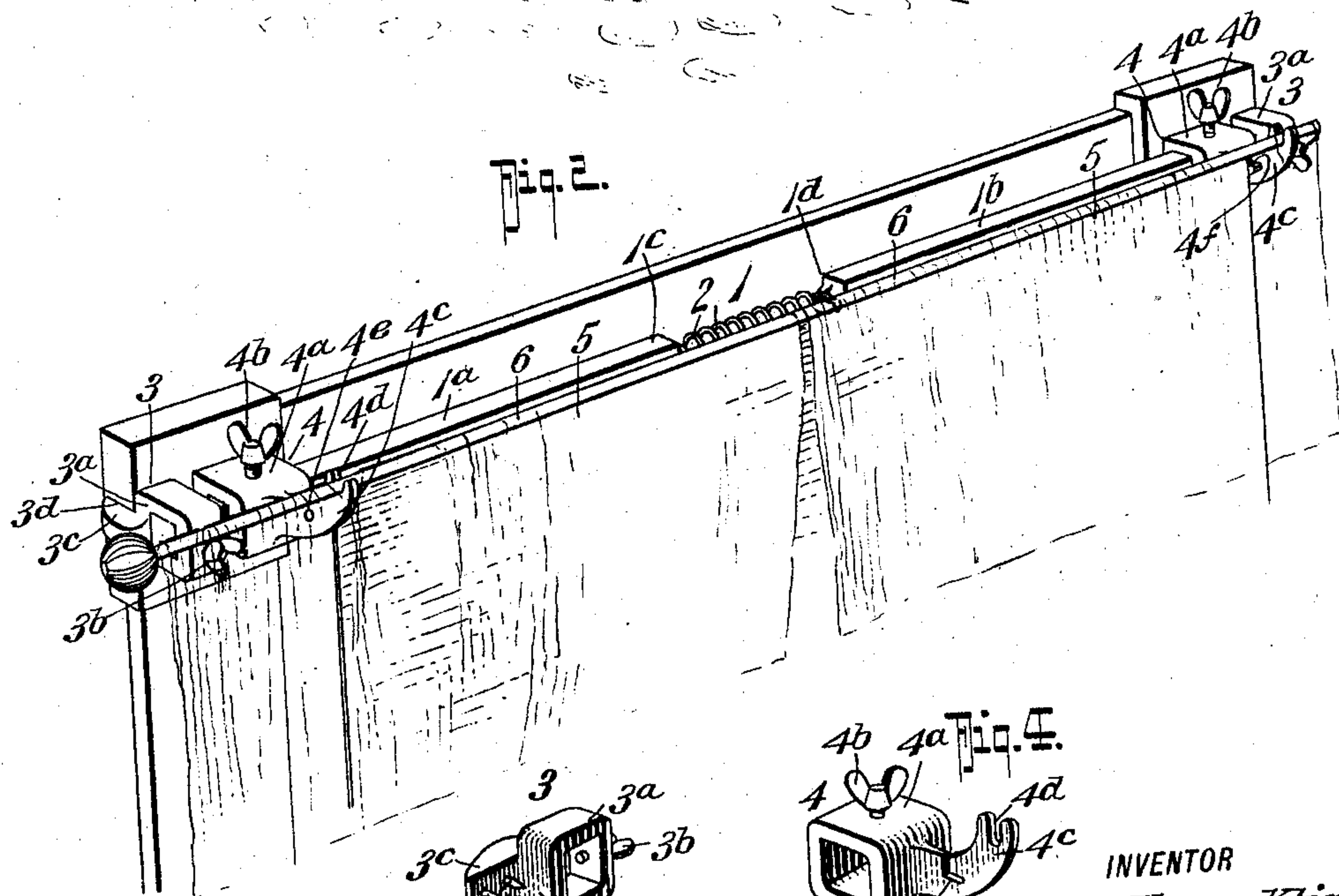
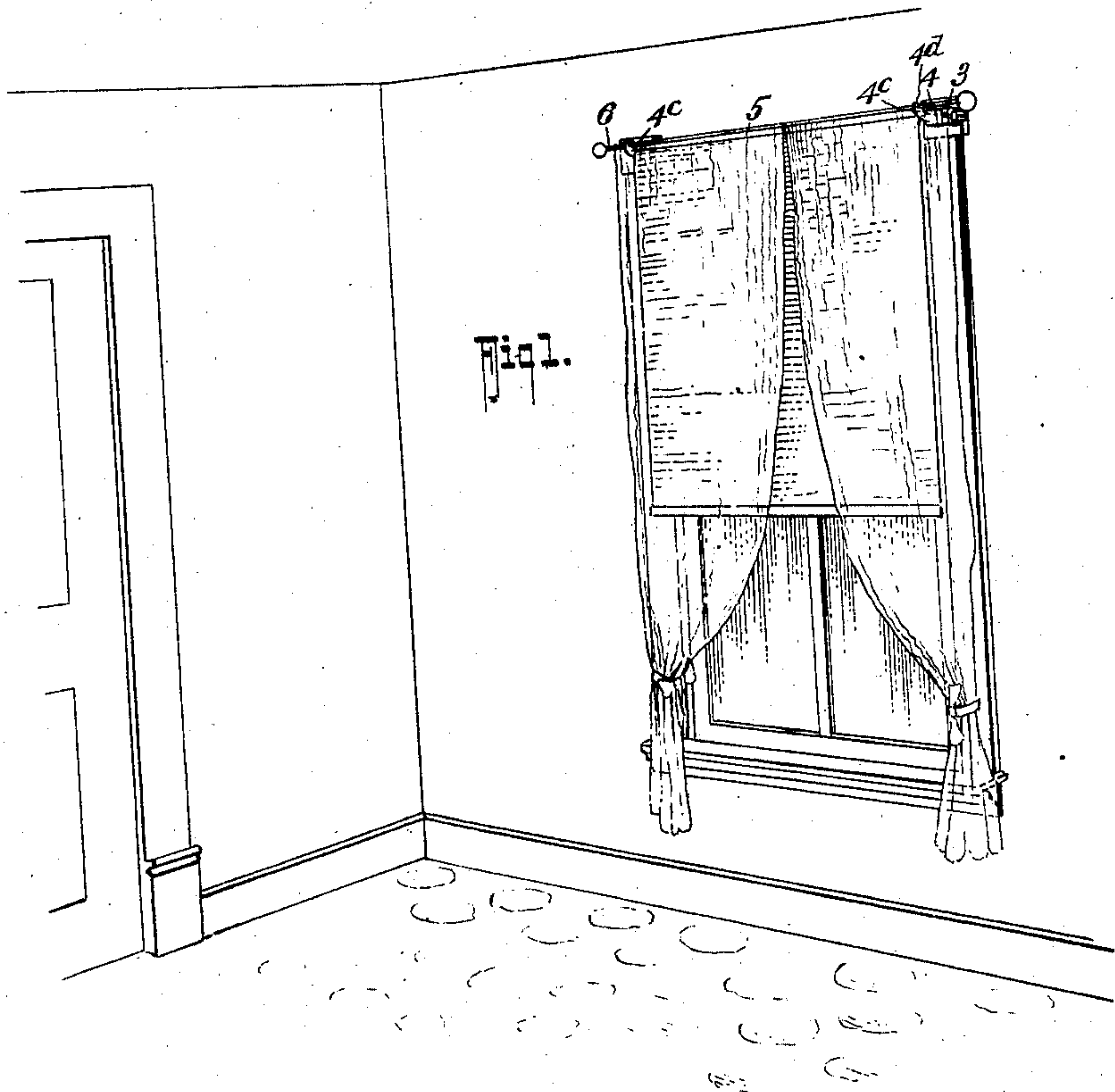


No. 859,773.

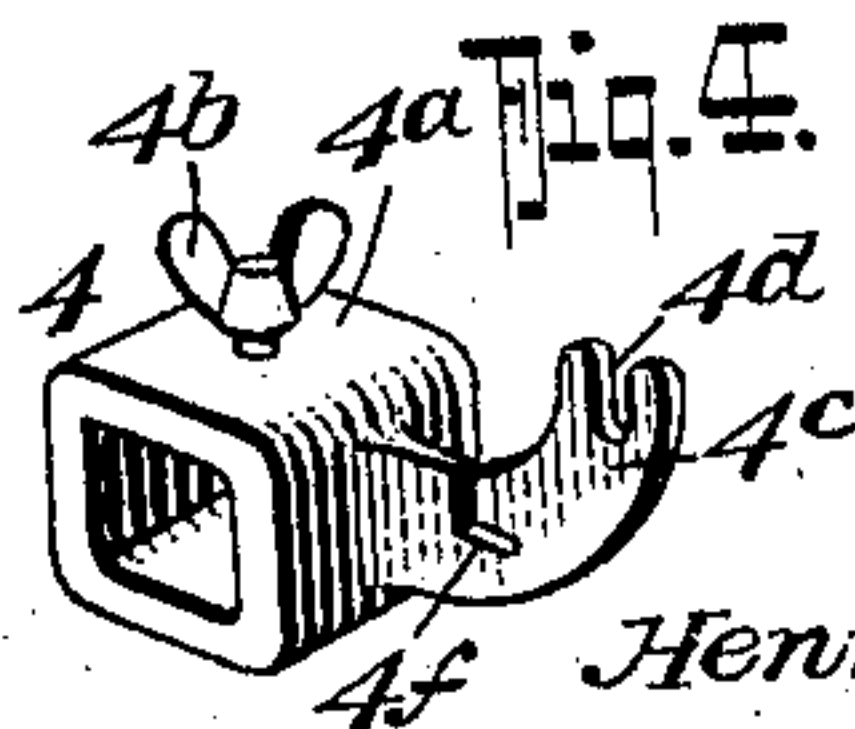
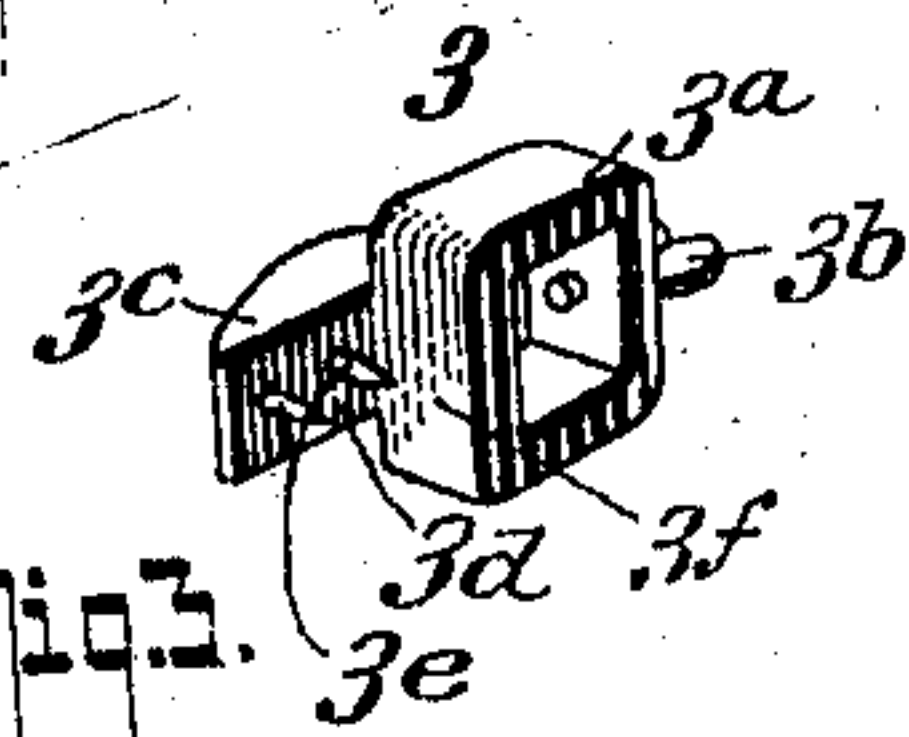
PATENTED JULY 9, 1907.

H. E. KLINE.
CURTAIN AND SHADE SUPPORT.
APPLICATION FILED NOV. 12, 1906.



WITNESSES:
John T. Schrott.
F. C. Gibson.

Fig. 3.



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UNITED STATES PATENT OFFICE.

HENRY ELONZO KLINE, OF TERRE HAUTE, INDIANA, ASSIGNOR OF ONE-FOURTH TO JAMES F. O'CONNELL AND ONE-FOURTH TO MICHAEL J. O'DOWD, OF TERRE HAUTE, INDIANA.

CURTAIN AND SHADE SUPPORT.

No. 859,773.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed November 12, 1906. Serial No. 343,092.

To all whom it may concern:

Be it known that I, HENRY ELONZO KLINE, residing at Terre Haute, in the county of Vigo and State of Indiana, have invented certain new and useful Improvements in Curtain and Shade Supports, of which the following is a specification.

My invention relates to certain new and useful improvements in curtain and shade supports of a type embodying a pair of bracket members securable to a support on the window frame, which bracket members have portions for the reception of shade rollers and curtain poles.

Generically, my invention embodies a two-part bar or rod having removable and adjustable clamps at its ends, which clamps have fingers for engaging the sides of the window frame and means for drawing the bar sections together to draw the fingers against the window frame to hold the bar in place.

My invention also embodies adjustable bracket members held on the bar sections, each of which has a pole receiving portion and a shade roller receiving portion.

Primarily, my invention has for its object to provide a device of this character of a simple and effective construction which can be easily and cheaply manufactured and which can be quickly attached to or detached from the window frame, and which is so arranged that it can be adjusted for use on different width windows.

In its more detailed nature, my invention comprises certain novel construction, combination and arrangement of parts, all of which will be first described in detail and then be specifically pointed out in the appended claims, reference being had to the accompanying drawings, in which:—

Figure 1, is a perspective view of a window with my invention applied. Fig. 2, is a perspective view of my invention showing the shade roller and the curtain pole in position. Fig. 3, is a detail perspective view of one of the end finger carrying clamps. Fig. 4, is a similar view of one of the pole and roller holding bracket members.

Referring now to the accompanying drawings in which like numerals and letters of reference indicate like parts in all of the figures, 1 designates the two-part rod which consists of a pair of rod sections 1^a—1^b whose inner ends 1^c—1^d respectively are connected together by a coil spring 2 as shown, the coil spring being of a diameter approximately that of the greatest width of the rod sections 1^a—1^b. Upon each end of the rod sections 1^a—1^b an adjustable clamp member 3 is secured, and the clamp member 3 comprises a body

portion 3^a adapted to fit on the rod section 1^a, and preferably of such shape in cross section as to prevent turning on the rod. The clamp 3 is adjustably held in position on the rod sections by a set screw 3^b and is also provided with a projecting finger portion 3^c whose inner face 3^d is provided with pins or prongs 3^e which bite into the window frame.

It will be noticed from the drawings with the adjacent faces of the body portion 3^a and the finger portion 3^c, namely, the faces 3^d and 3^f lie in planes at right angles to one another, so that the clamp member can be snugly fitted up against the window frame with the prongs 3^e biting into the sides thereof. Upon each rod section 1^a, an adjustable bracket member 4 is mounted and the bracket member 4 comprises a body portion 4^a held in place on the rods by a set screw 4^b and each of the bracket members has an arm 4^c terminating in the curtain receiving socket 4^d, as indicated. One of the arms 4^c is provided with a circular aperture 4^e to receive the round stub shaft portion of the shade roller 5, while the other bracket member 4 has its arm 4^c provided with a notched aperture 4^f to receive the flattened shaft portion of the shade roller 5.

The shade roller 5 may be of any approved spring roller type, such for instance as that known in the art as the Hartshorn roller. The curtain pole 6 may also be of any approved type, as the construction of the roller and the curtain pole, *per se*, form no part of my present invention.

In carrying out my invention I apply the apparatus to the window frame by adjusting the clamps 3 to a suitable position on the rod sections 1^a—1^b respectively, so that by pulling against the tension of the spring 2, the rod sections may extend a sufficient distance to permit the fingers 3^c being slid over the sides of the window frame. The spring 2 will then draw the clamp fingers against the window frame and cause their prongs 3^e to bite into the same. This fastens the rod members 3^a onto the window frame. The bracket members 4 are then adjusted to the desired position on the rods and secured by their respective set screws, after which the shade roller 5 and the curtain pole 6 and their attached parts, may be placed in position on the brackets in the usual manner.

From the foregoing description, taken in connection with the accompanying drawings, it is thought the complete construction, operation and many advantages of my invention will be readily understood by those skilled in the art to which the invention appertains, and I desire to say that many slight changes in the detail

construction, arrangement and design of parts may be made without departing from the spirit of the invention or the scope of the appended claims.

What I claim is:—

- 5 The combination with an endwise extensible sectional rod and means normally tending to hold said rod contracted, of removable clamp members adjustably held on said rod and having fingers for engaging the sides of the window frame, and curtain pole and shade roller support-

ing brackets adjustably and removably carried by each rod section, said brackets each comprising a body portion, means for securing said body portion to said rod sections, and arm members projecting from said body portion and having pole receiving sockets and shade roller receiving portions, substantially as shown and described.

Witnesses:

JOSEPH B. BURNS,
R. H. BURNS.

HENRY ELONZO KLINE.