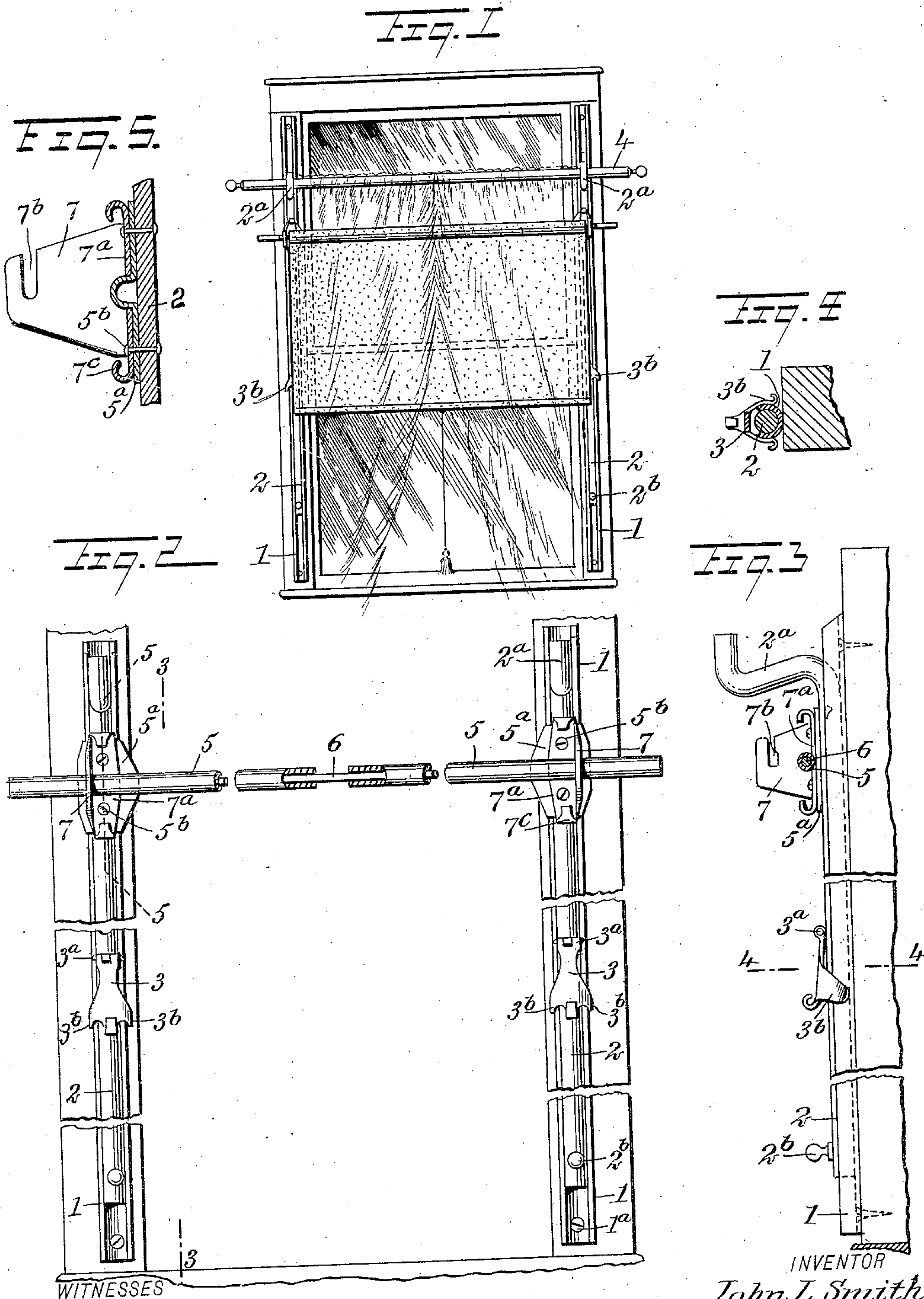


No. 844,967.

PATENTED FEB. 19, 1907.

J. L. SMITH.
WINDOW SHADE AND CURTAIN SUPPORT.
APPLICATION FILED OCT. 30, 1906.



WITNESSES
H. Walker
R. Handie

INVENTOR
John L. Smith
BY *Mumma & Co*
ATTORNEYS

UNITED STATES PATENT OFFICE.

JOHN LEWIS SMITH, OF EUREKA SPRINGS, ARKANSAS.

WINDOW-SHADE AND CURTAIN-SUPPORT.

No. 844,967.

Specification of Letters Patent.

Patented Feb. 19, 1907.

Application filed October 30, 1906. Serial No. 341,293.

To all whom it may concern:

Be it known that I, JOHN LEWIS SMITH, a citizen of the United States, and a resident of Eureka Springs, in the county of Carroll and State of Arkansas, have invented a new and Improved Window-Shade and Curtain-Support, of which the following is a full, clear, and exact description.

This invention has for its object to provide means simple and inexpensive in construction, effective in operation, and durable in use adapted to be readily applied to a window-casing and to permit a curtain or shade to be lowered from the top of a window and held adjusted in the desired position, so as to admit air and light from above the top of the curtain and shade and permit of readily cleaning the same. Such objects I accomplish by the means illustrated in the accompanying drawings, in which drawings like characters of reference indicate like parts throughout the views, and in which—

Figure 1 is a front elevation of a device embodying my invention applied to a window-casing. Fig. 2 is a front elevation, partly broken away, of the device shown in Fig. 1 with the curtain and shade removed. Fig. 3 is a side elevation, partly in section on the line 3 3 of Fig. 2, of the parts shown in Fig. 2. Fig. 4 is a transverse section taken on the line 4 4 of Fig. 3. Fig. 5 is a section taken on the line 5 5 of Fig. 2.

As illustrated in the drawings, parallel guideways 1 are secured to the opposite sides of a window-casing by means of screws 1^a or other devices and are preferably constructed substantially in tubular form, as shown in Fig. 4. These guideways may be rigid in construction and formed of stamped or wrought metal to suit the fancy of the user. Supporting-rods 2 are mounted to slide in the said guideways and are provided with clamps 3, hinged to said supporting-rods by means of pivot-pins 3^a. These clamps are provided with lateral clamping-flanges 3^b, adapted to grasp the sides of the guide-bars 1, so as to secure the supporting-rods at any place in the guideways. The flanges 3^b are preferably made resilient, so as to clamp the sides of the guideways with spring tension. This is especially desirable where the guideways are made rigid. The guideways, however, may be made slightly flexible, and in that case the clamping-flanges 3^b may be made rigid, inasmuch as the flanges in such a case would press the flexible sides of the guideways

inward against the supporting-bars 2, and thereby clamp the supporting-bars in the guideways.

The upper ends of the supporting-rods 2 are offset forwardly, so as to form brackets 2^a, adapted to support a curtain-pole 4. The lower ends of said supporting-rods are provided with knobs 2^b, by means of which the supporting-rods may be raised or lowered in the guideways. The rods 2 are held in place relatively to each other by means of a cross-bar composed of separate tubular sections 5, connected together by an extension-rod 6, which engages the interior of the sections 5. These sections are preferably provided with lateral flanges 5^a, formed integral therewith, as shown in Fig. 5, and secured to the supporting-bars 2 in any desired manner, preferably by means of screws 5^b. Brackets 7, provided with a flange 7^a, are also secured to the supporting-bars 2 and the flanges 5^a by means of the aforesaid screws 5^b, and the outer portion of one of said brackets is provided with a slot 7^b, adapted to hold the spring end of a shade-roller, the opposite bracket being provided with an aperture of any suitable construction adapted to hold the opposite end of said roller. The ends of the flanges 7^a of said brackets are preferably turned inward, forming hooks 7^c.

By means of the construction shown and described the device is adapted to be applied to a window of any size and can be readily applied to a window-casing by any person, and the device being simple in construction and without small operative parts is not liable to get out of order. By means of such construction, moreover, shade-rollers and curtain-poles of any desired construction may be applied to the device, and the curtains and shades can be readily lowered for dusting and replacing without the inconvenience of standing on a ladder, chair, or other similar object.

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

1. The combination with oppositely-disposed guideways, of supporting-rods adapted to slide thereon having offset upper ends adapted to support a curtain-roller, a sectional cross-bar provided with lateral flanges attached to said supporting-rods, and shade-roller brackets secured to the flanges of the cross-bar and to the supporting-rods, substantially as shown and described.

2. The combination with tubular guide-

ways, of supporting-rods adapted to slide therein, provided with offset upper ends adapted to support a curtain-pole, clamps hinged to said supporting-bars and provided
5 with flanges adapted to clamp the sides of the guideways, a sectional cross-bar provided with lateral flanges secured to said supporting-bars, and brackets secured to said flanges and supporting-bars, adapted to support the
10 curtain-roller, substantially as shown and described.

3. The combination with tubular guideways, of supporting-bars adapted to slide in said guideways and provided with offset upper
15 ends adapted to support a curtain-pole, clamps hinged to said supporting-rods and provided with resilient flanges adapted to clamp the sides of the said guideways, sectional cross-bars provided with lateral flanges
20 secured to said supporting-bars, and brackets secured to said supporting-bars and adapt-

ed to carry a shade-roller, substantially as shown and described.

4. The combination with tubular guideways, having flexible sides, of supporting-
25 rods adapted to slide in said guideways and provided with offset upper ends adapted to support the curtain-pole, a tubular sectional cross-bar provided with lateral flanges secured to said supporting-rods, and an extension-rod engaging the interior of said cross-
30 bars, and forwardly-extending brackets having lateral flanges which are attached to said supporting-rods and flanges of said cross-bar, substantially as shown and described
35

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN LEWIS SMITH.

Witnesses:

H. E. LITTLETON,
W. D. KIZER.