M. O. NELSON.

WINDOW SCREEN.

APPLICATION FILED JUNE 20, 1916.

1,220,881. Patented Mar. 27, 1917.

Fig. 1.

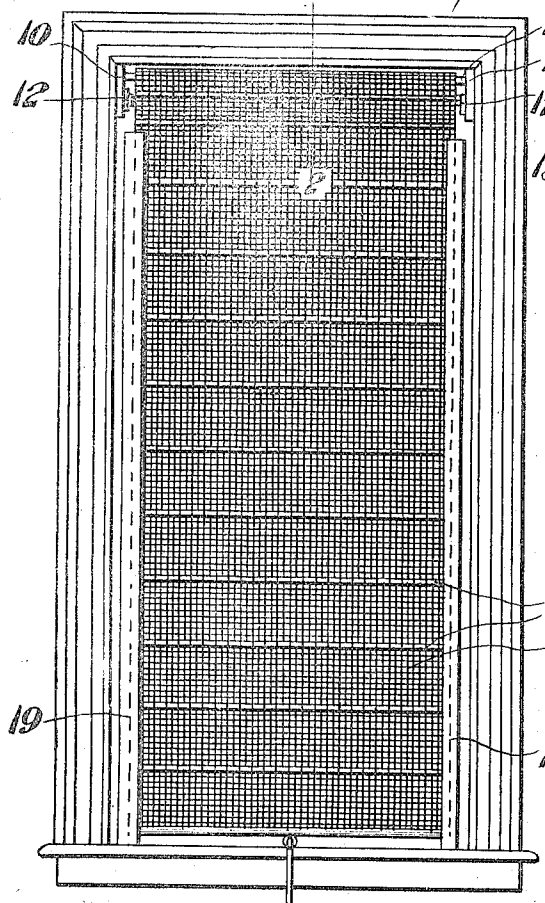


Fig. 2.

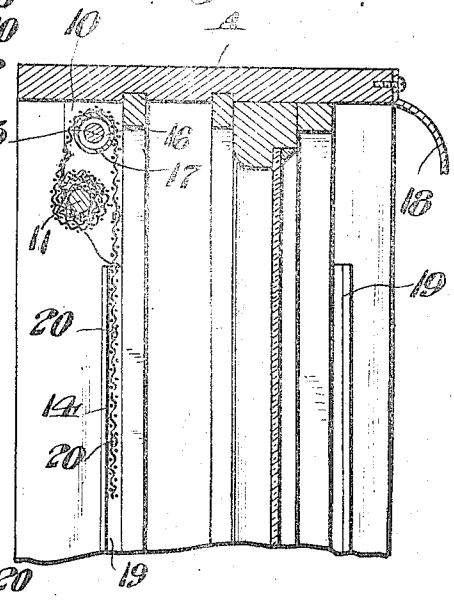


Fig. 4.

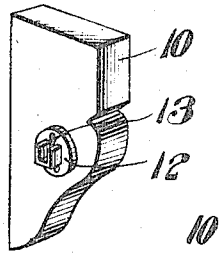
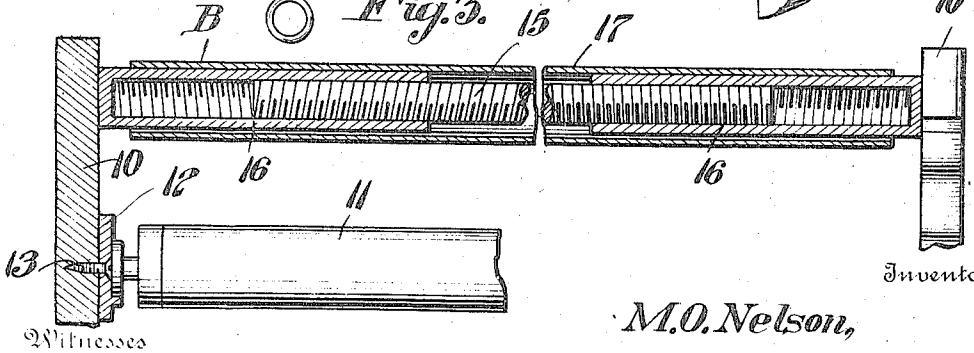


Fig. 3.



Witnesses

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WINDOW-SCREEN.

1,220,881. Specification of Letters Patent. Patented Mar. 27, 1917.

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To all whom it may concern:

Be it known that I, MARTIN OSCAR NELSON, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Window-Screens, of which the following is a specification.

This invention comprehends the provision of means for supporting window shade or screen roller brackets upon the window casing without necessitating the use of nails, screws or the like, and which can be easily and quickly put up or taken down without defacing or marring the woodwork.

More specifically stated the invention embodies a rod for holding the brackets against a window casing, the rod being disposed relatively to the roller to serve as a guide for the shade or screen which latter is extended over the rod, the rod being adjustable to accommodate itself to windows of different widths.

The nature and advantages of the invention will be better understood when the following description is taken in connection with the accompanying drawing, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawing forming part of this specification like numerals of reference indicate similar parts in the several views and wherein:—

Figure 1 is a front elevation of a window showing the device applied thereto.

Fig. 2 is a vertical sectional view taken on line 2—2 of Fig. 1.

Fig. 3 is an enlarged longitudinal sectional view through the adjustable rod.

Fig. 4 is a detail view of one of the brackets.

A device constructed in accordance with my invention embodies a pair of roller brackets indicated at 10, and each of which preferably consists of an elongated block which may be constructed from any suitable material. The blocks may be provided with openings for the reception of the opposite ends of the shade or screen roller 11, or brackets 12 of usual construction may be secured to the blocks 10 by the fastening elements 13. While a screen 14 is herein shown as adapted to be wound about the roller 11, it is of course to be understood that the window shade may be substituted in place of the screen.

The means employed for holding the blocks 10 in frictional contact with the window casing A, thereby eliminating the use of nails, screws or the like, preferably consists of a bolt 15 oppositely threaded from its center in the direction of its ends, and with which the respective rod sections 16 are adjustably associated for the purpose of increasing or decreasing the length of the rod as a unit to permit the rod to accommodate itself to windows of varying widths. A tubing 17 encircles the rod and sections 16, although the latter project from the opposite ends of the tubing to permit of their adjustment.

In practice the blocks 10 are arranged against the opposite sides of the window casing A, and a rod B positioned between the blocks. The sections 16 are then adjusted in the proper direction to bring the same into engagement with the blocks 10, for the purpose of holding the latter in effective frictional contact with the window casing. The roller 11 with its shade or screen is then journaled in the brackets. The rod B is positioned an appropriate distance above the roller 11, and serves as a guide over which the window shade or screen 14 is extended to properly position the screen or shade with respect to the window. The rod B is preferably positioned immediately adjacent the top of the window casing with a view of preventing flies or other insects from passing between the rod and the window casing A. The device in its entirety may be arranged either at the inside or outside of the windows, in which latter instance a hood or casing 18 is provided to protect the component parts of the device from the effect of inclement weather. However in either instance suitable guide strips 19 are secured to the opposite sides of the window frame for the reception of the adjacent edges of the window shade or screen 14 whereby the latter is at all times maintained in its proper position relative to the window, and guided in its movements while being raised or lowered. If desired the opposite sides of the window casing can be formed with grooves for this purpose thus eliminating the use of guide strips 19. The screen 14 is made with a number of transversely disposed stiffening elements, such as thin steel strips 20.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily ap-

parent I desire to have it understood that what is herein shown is merely illustrative of the preferred embodiment of the invention, to which I do not limit myself, and that such changes in the construction and arrangement of parts may be resorted to when desired as fall within the scope of what is claimed.

What is claimed is:—

The combination with a pair of window shade roller brackets, of means for holding the brackets against the window casing, said means embodying a rod oppositely threaded from its center in the direction of its end, a pair of sleeve-like members threadedly adjustable upon said rod, and capable of independent adjustment toward and away from each other, said members adapted to engage against the brackets to hold the latter against the window casing, and a tube loosely embracing said parts and terminating short of said sleeve-like extensions.

In testimony whereof I affix my signature.

MARTIN OSCAR NELSON.