

N. D. STILES.
SHADE GUIDE.

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984,313.

Patented Feb. 14, 1911.

Fig. 1.

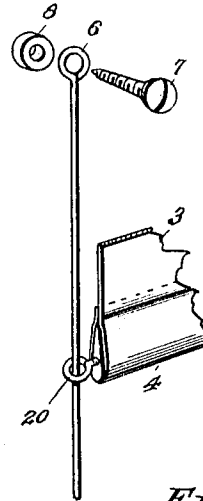
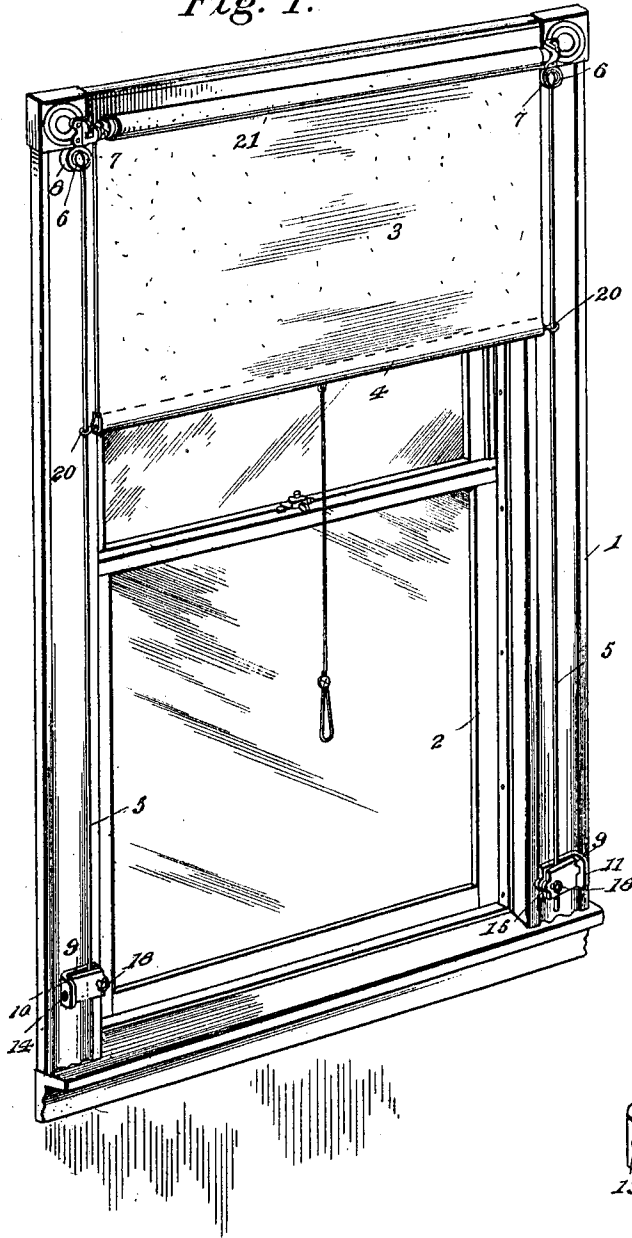


Fig. 3.

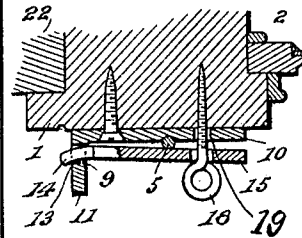
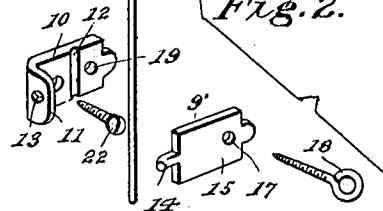


Fig. 2.



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UNITED STATES PATENT OFFICE.

NELLIE D. STILES, OF SPARTA, WISCONSIN.

SHADE-GUIDE.

984,313.

Specification of Letters Patent.

Patented Feb. 14, 1911.

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To all whom it may concern:

Be it known that I, NELLIE D. STILES, citizen of the United States, residing at Sparta, in the county of Monroe and State of Wisconsin, have invented certain new and useful Improvements in Shade-Guides, of which the following is a specification.

This invention relates to certain new and useful improvements in guides for window shades and has for its object to provide a device which will eliminate the flapping and consequent noise and annoyance produced by the free end of the shade when the window is lowered from the top or raised from the bottom.

A further object of this invention is to provide an improved guide for the shade so that as the same is rolled up, it will be directed to the roller properly thereby obviating the necessity of again pulling the shade down and starting it straight as is now so often the case with the ordinary shade in use, and so prevent fraying or raveling of its edges.

A still further object of this invention is to provide a guide which may be cheaply manufactured, which will be durable and efficient in construction, which will be adapted to be applied to windows and shades already installed with very little trouble and which will provide a construction whereby the parallel rods or wires forming a part of the guide may be easily released at their lower ends so that the shade may be freed from the guide at any time desired.

With these and other objects in view as will more fully appear as the description proceeds, the invention consists in certain construction, arrangement and combination of the parts that I shall hereinafter fully describe and claim.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing in which:—

Figure 1 is a perspective view showing my invention applied; Fig. 2 is an enlarged detached view of one of the guides; and, Fig. 3 is a longitudinal section taken through one of the clamping members.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawing the numeral 1 designates the casing of a window and 2

the sashes therein. Mounted at the top of the casing in the usual way is a roller shade 3 at the free end of which is provided a strip 4 of usual construction.

Coming more particularly to my invention, I provide on each side of the window casing parallel rods 5. The upper extremities of said rods are bent to form loops 6 and are secured to the face of the casing near the top thereof by screws 7 adapted to be received in said loops. Washers 8, carried by said screws, are designed to be interposed between the ends of the rods and the casing, for spacing said rods therefrom.

The rods 5 are designed to extend the full length of the window and are held near their lower extremities by clamping members 9. Each of said clamping members comprises a base plate 10 at one end of which is formed an angularly disposed flange 11. Said base plates are of a thickness to correspond to the washers 8 so that the rods 5 will be spaced at equal distance from the face of the casing at both ends and are provided about midway their length on the upper side thereof with transversely extending grooves 12 which serve as sockets for the lower ends of the rods 5. The angularly disposed flanges 11 are provided near their base and about midway the sides of the same with apertures 13 which are designed to receive tongues 14 provided on the clamping plates 15. Said clamping plates are of a size to correspond to the body portion of the base plates so as to fit neatly over the same and have formed thereon at one end and about midway of the edges of the same, tongues 14, which are preferably slightly curved. The clamping plates are also provided near their opposite ends with apertures 17 which are adapted to receive a screw eye or other suitable fastening means 18 designed to extend through apertures 19 in the base plates and be secured in the casing 1. To assist in holding the base plates in place screws 22 are passed there-through as shown.

It should be particularly noted as best illustrated in Fig. 3 that when in operative position the clamping plates 15 will have a pivotal action on the rods 5 thereby making it possible to firmly bind the same against the base plates 10. Owing to the formation of the tongues 14 the outer extremities thereof will be caused to engage the outer edge of the top of the apertures 13

provided in the flanges 11 thus holding the clamping plates in position as the screw eyes 18 are forced into the casing to clamp the rods.

5 In the ends of the strip 4 I provide screw eyes 20 or other suitable connecting means which are mounted to slide freely along the rods 5 as the shade is raised or lowered. It will thus be clear the said shade will be
10 guided in its movement and will be properly directed to the roller 21. It will also be clear that the shade will be held against flapping, as from a current of air, at any point it may be positioned throughout the
15 length of the window.

Should it be desired to release the shade from the guides it is only necessary to remove the ends of the rods 5 from the clamping members 15 and draw the shade down
20 until the screw eyes 20 clear the lower ends of said rods when the shade will be free. This will be found to be an especially advantageous feature when any injury to the shade occurs requiring the same to be re-
25 moved or when it is found necessary to take the shade down for any cause.

From the foregoing it will be clear that I have devised a very desirable construction for the purpose specified providing advantage in a device of this character heretofore 30 not supplied.

Having thus described the invention, what is claimed as new is:—

A shade guide comprising parallel guides secured at one end on opposite sides of a 35 window, clamping devices detachably securing the opposite ends of said guides, each of said devices including clamping members embodying a base plate provided at one end with an angularly disposed flange having 40 an aperture therein, a clamping plate having a slightly curved tongue formed on one edge thereof and adapted to bind in the aperture of the flange, a screw for securing the clamping plate, a shade, and means carried 45 thereby for engagement with the guides.

In testimony whereof, I affix my signature in presence of two witnesses.

NELLIE D. STILES. [L. s.]

Witnesses:

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