Aug. 21, 1951 F. D. SPENCER 2,564,770

ANTIRATTLING DEVICE FOR SHADES

Filed Nov. 9, 1950

Fig. 1.

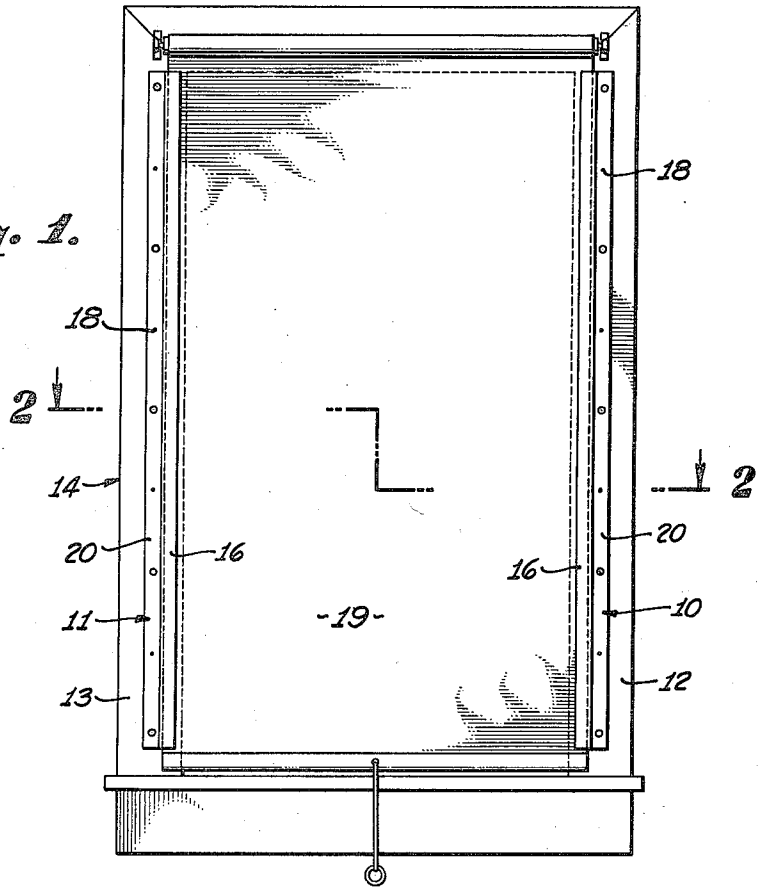
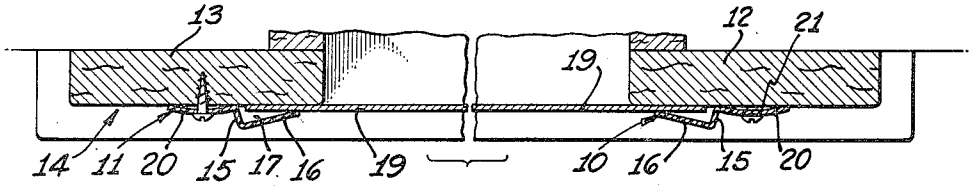


Fig. 2.



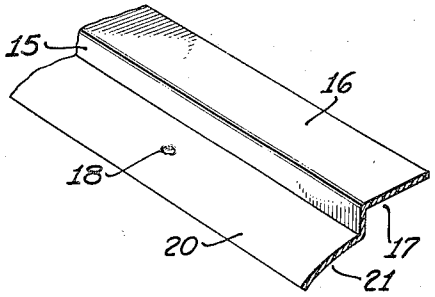


Fig. 3.

FRANCIS D. SPENCER
INVENTOR.

BY Anton Glazzill

ATTORNEY.

Patented Aug. 21, 1951 2,564,770

UNITED STATES PATENT OFFICE

2,564,770

ANTIRATTLING DEVICE FOR SHADES

Francis D. Spencer, Bell Gardens, Calif.

Application November 9, 1950, Serial No. 194,761

3 Claims. (Cl. 160—271)

1

This invention relates to a means for securing a window or door shade against flapping, rattling and annoying vibration and it has for its object to provide a simple, inexpensive device that may be quickly installed to enclose the respective edges of a shade and maintain the same in relatively close contact with the reveals of a window or door frame, whereby it may be operated with ease and at the same time prevent the entry of atmospheric elements and be insured against vibration, regardless of its position.

Another object of the invention is to provide an effective device for this purpose which may be produced in indeterminate lengths of strips from which the required portions may be cut, thereby eliminating all necessity for and expense in providing any adjusting means to suit the device to various sizes of doors and windows.

A still further object of the invention is to provide a device of this character for application to a door or window which, when installed, will exert a slight pressure on the respective sides of the shade and maintain such pressure during the operation of the shade, in this wise contributing efficiently to the exclusion of the elements, holding the shade securely against rattling and flapping and enabling variations in shade thickness and their adjuncts to be readily accommodated.

The invention is illustrated in the accompanying drawing.

Fig. 1 is perspective view showing my invention as applied.

Fig. 2 is a section on line 2—2 of Fig. 1.

Fig. 3 is a fragmentary perspective view of the strip.

Similar characters of reference denote similar parts throughout the several views.

The invention comprises two pieces or lengths 10 and 11, of suitable material, that are adapted to be fastened one each on opposite reveals 12 and 13 of a window 14. The pieces are identical in form and structure and are portions or sections detached or cut from an elongated strip or strips in lengths that will adapt them readily to a door or window.

The strip, and hence each of the pieces 10 and 11, includes a web 15 having a flange 16 extending at substantially right angles thereto in one direction and from one edge thereof to form a channel 17 in which are arranged to be disposed the respective edges of a shade 19 which is operable therein and relatively thereto.

Said web 15 has a resilient flange 20 extending from the other edge thereof in a direction opposite to that of said first-named flange 16 and in

2

cross section defining an arc 21 which is downwardly directed as shown, with respect to the edge of the web to which it is attached. This flange 20 extends away from a plane passing through its line of connection with the web 15. The purpose of this provision is to bring the channel 17, that is, the flange 16 thereof, relatively close to the structure to which it is to be applied when such curving flange 20 is secured in position on the reveals of a door or window. When so secured, the tendency of the curving flange 20 is partly to flatten, thereby drawing the web 15 and its flange 16 towards the reveals and thus imparting to the web and its flange a resiliency which readily responds to the shade contour and maintains the same in position at all times without imposing thereupon at any time any frictional impedance that might tear or injure the same. The degree of resilience of said curving flange 20 may be controlled by the extent to which the fastening means are driven into the reveals. The channel thereby becomes automatically adjustable to varying thicknesses of shades which it holds securely in position and under a continuing slight pressure by which any vibration, rattling or other annoyance is effectively prevented.

The curving flange 20 is provided with indicating indentations 18 for selective penetration by fastening devices in securing the strips in place.

What I claim is:

1. A device of the character disclosed comprising a flexible elongate strip severable to specific lengths for accommodation to windows and doors, said strip including a web having a flange extending from one edge thereof at right angles thereto in one direction to form a channel and having a downwardly directed flange extending from the other edge of said web in an opposite direction and adapted to be fastened to a door or window frame, said last-named flange being curvate in cross-section to render resilient the channel when secured in position and having indicating indentations for suitable fastening means.

2. A device of the character disclosed comprising a flexible elongate strip severable into specific lengths for accommodation to windows and doors, said strip including a web having a flange extending at right angles from one edge thereof in one direction to form a guide channel, said web having a resilient flange extending from the other edge thereof and in an opposite direction, said resilient flange having indicating indentations for suitable fastening means.

3. An anti-rattling device for a window shade of the character disclosed comprising a pair of strips adapted to be fastened to oppostie reveals of a door or window; each strip including a web having a planar flange extending from one edge thereof in one direction at substantially right angles thereto; said web having a flange connected thereto at the other edge and extending in an opposite direction and away from a plane passing through its line of connection with the web and at substantially right angles thereto, the latter flange being resilient and connectable to a reveal over an edge of the shade thereby to hold said planar flange in engagement with the shade edge and prevent vibration thereof.

FRANCIS D. SPENCER.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,211,402	Burrowes	Jan. 9, 1917
1,398,017	Hewitt	Nov. 22, 1921