

W. D. LEE.
WINDOW SHADE HANGER.
APPLICATION FILED DEC. 18, 1908.

946,700.

Patented Jan. 18, 1910.

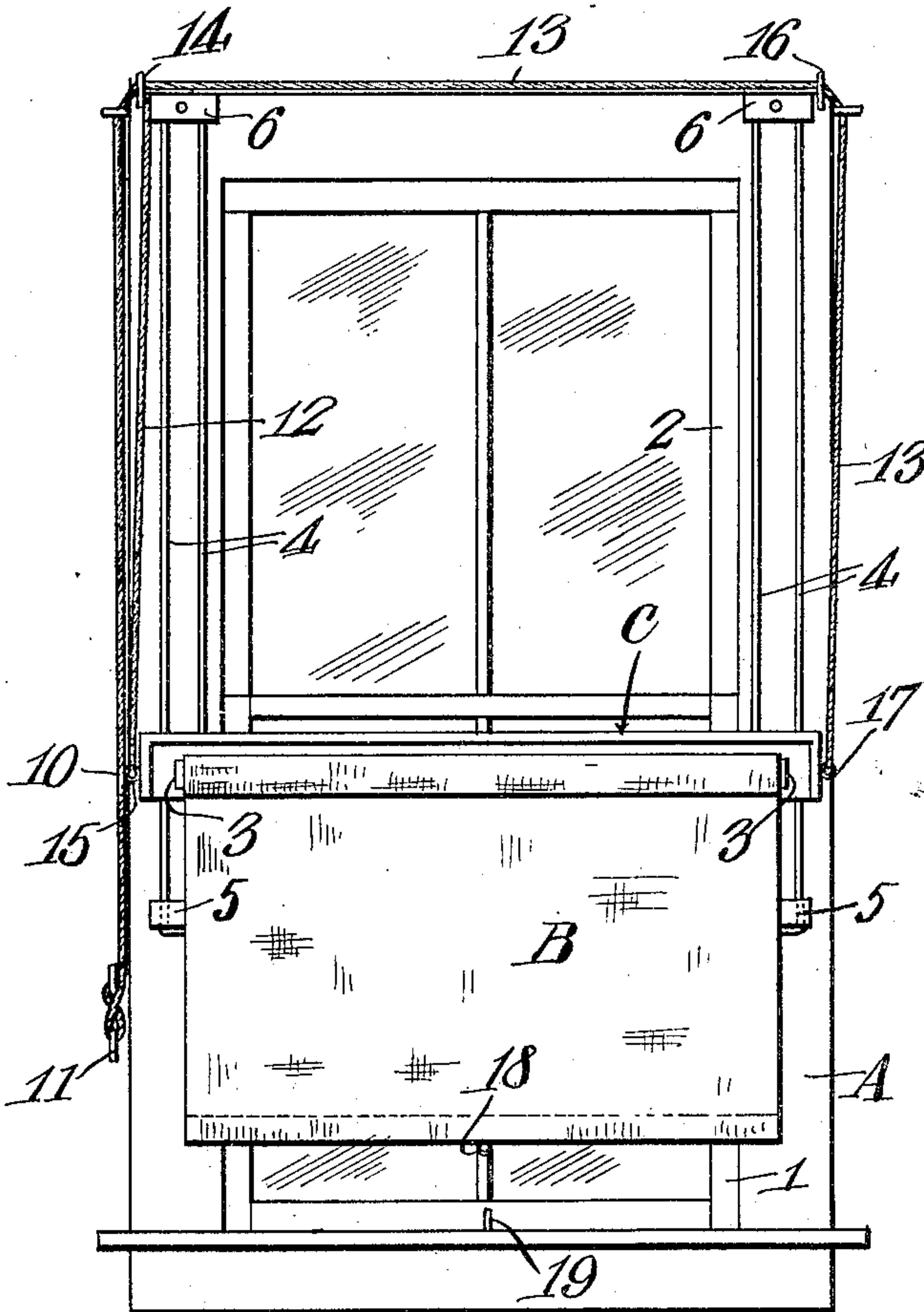


Fig. 1.

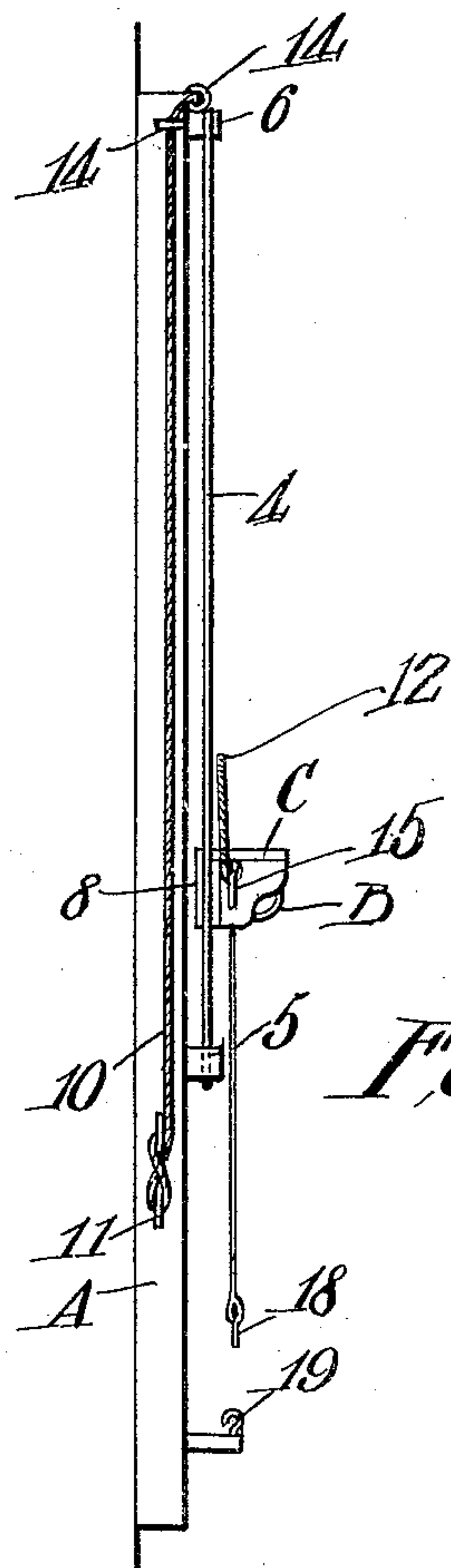


Fig. 2.

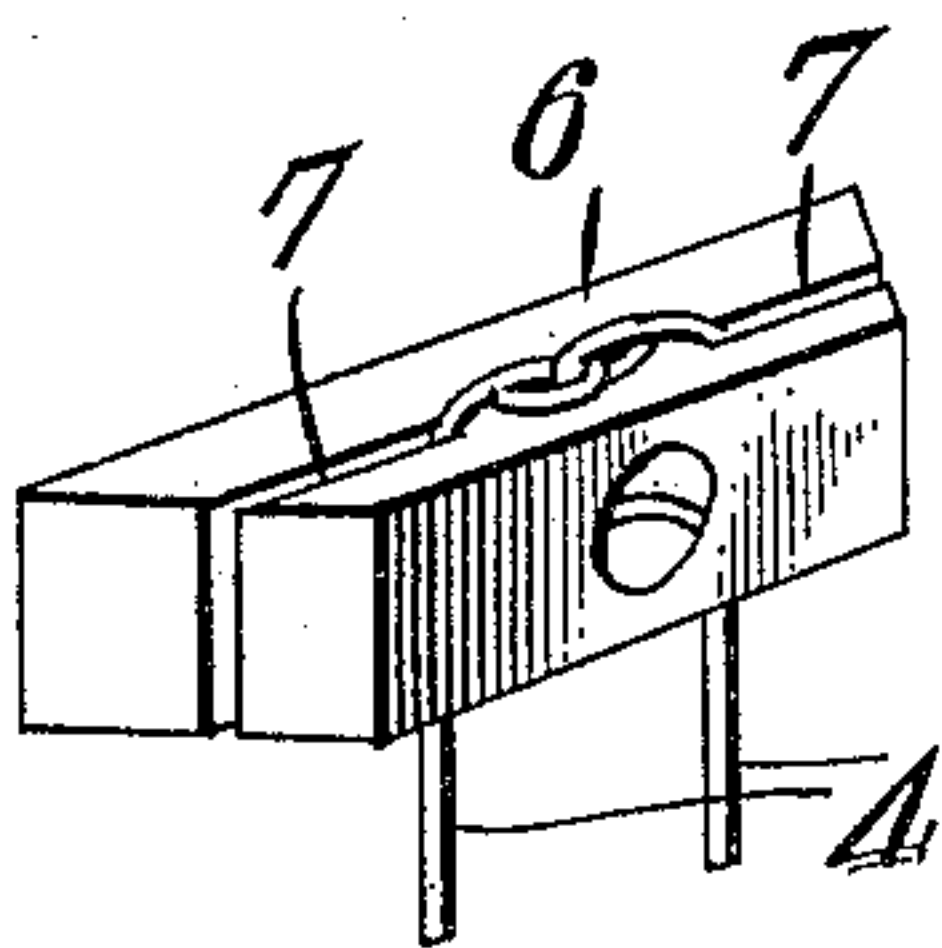


Fig. 3.

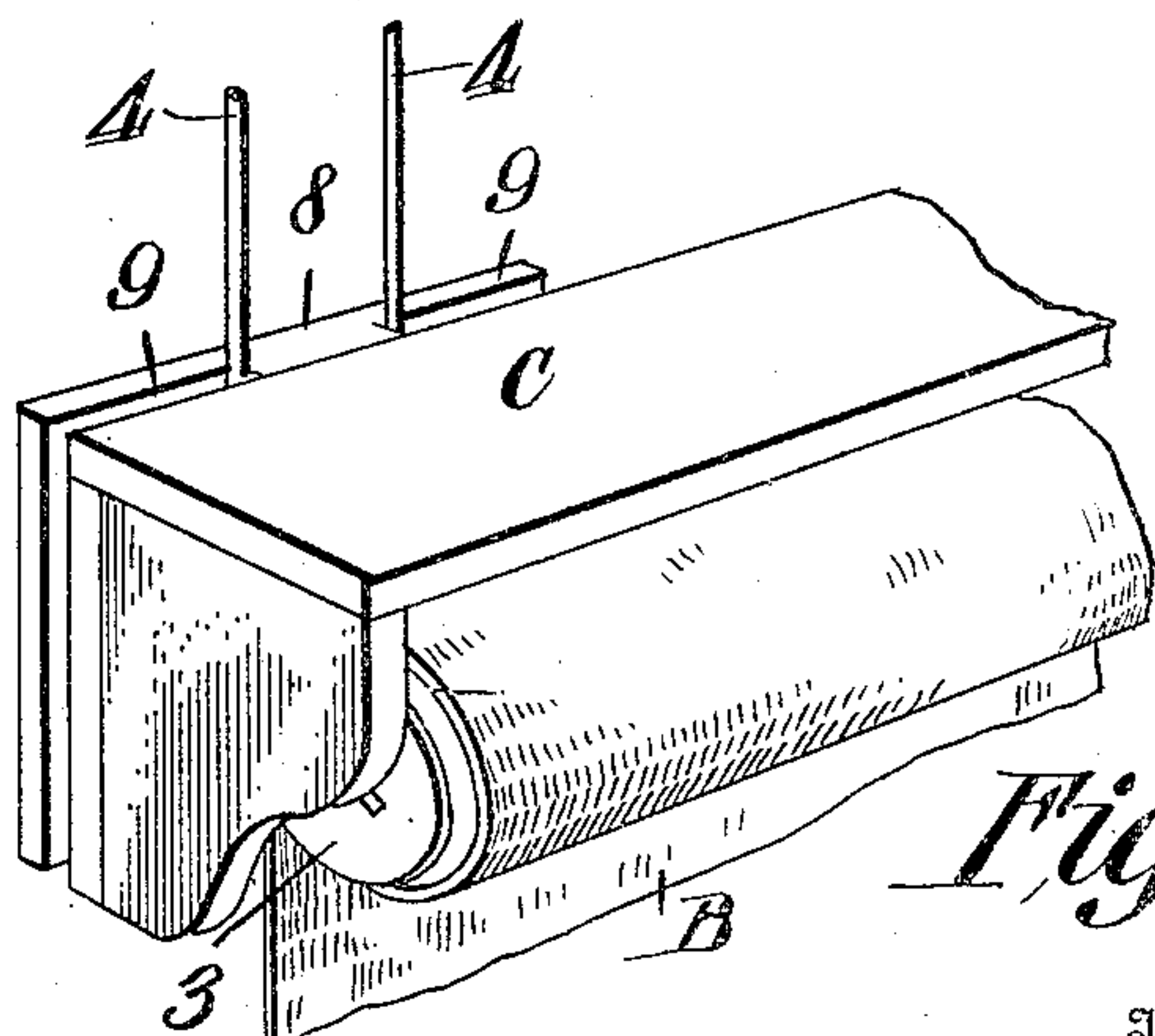


Fig. 4.

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WELLINGTON D. LEE, OF JACKSONVILLE, FLORIDA.

WINDOW-SHADE HANGER.

946,700.

Specification of Letters Patent.

Patented Jan. 18, 1910.

Application filed December 18, 1908. Serial No. 468,203.

To all whom it may concern:

Be it known that I, WELLINGTON D. LEE, a citizen of the United States, residing at Jacksonville, in the county of Duval and State of Florida, have invented new and useful Improvements in Window-Shade Hangers, of which the following is a specification.

This invention relates to a hanger which is adapted for use in connection with window shades, wall maps, charts and the like whereby the shade, map or chart can be conveniently rolled, or unrolled, raised or lowered as occasion requires.

The invention has for one of its objects to provide an improved hanger of that type consisting of a bracket which is mounted to move on guides so that the position of the roll can be raised or lowered to any desired height while at the same time permitting the curtain, map or chart to be raised or lowered by the unwinding or winding of the roll in the usual manner.

Another object of the invention is to improve and simplify the construction and operation of devices of this character so that they will be comparatively simple and inexpensive to manufacture, readily manipulated, and so designed as to be easily and quickly applied to a window frame or other suitable support.

With these objects in view and others, as will appear as the description proceeds, the invention comprises the various novel features of construction and arrangement of parts which will be more fully described hereinafter and set forth with particularity in the claims appended hereto.

In the accompanying drawing, which illustrates one embodiment of the invention, Figure 1 is a front elevation of the hanger applied to a window frame for use as a shade support. Fig. 2 is a side elevation thereof. Fig. 3 is a perspective view of one of the top cleats for the hanger guide. Fig. 4 is a fragmentary perspective view of one end of the hanger.

Similar reference characters are employed to designate corresponding parts throughout the views.

In the present instance, I have elected to illustrate the invention as a shade support but it is to be understood that it can be readily used in other connections.

Referring to the drawing, A designates a window frame having sashes 1 and 2, and extending across the window is a shade B of

the ordinary self-winding type, the shade being mounted in the brackets 3. The brackets 3 are arranged on a movable hanger C which extends entirely across the window and is movable on vertical guides 4 at both sides of the window frame. Each guide is preferably a piece of brass or other wire which is doubled on itself and fastened to upper and lower cleats 5 and 6, whereby two parallel guide members are provided. The lower cleat 5 is fastened to the window frame and the wire is threaded through openings therein. The upper cleats are also fastened to the window frame and each cleat has inwardly-extending slits 7 for receiving the wire. On the hanger C adjacent the ends thereof are guide blocks 8 which have vertically-disposed slots 9 extending inwardly from opposite sides for engaging the wires 4 whereby the hanger can be moved freely up and down without moving laterally. If it is ever desired to detach the hanger, the same can be moved to a point midway between the cleats 5 and 6 and the wires sprung out of the slots 9 of the guide blocks.

The hanger C is moved up and down by a pull cord 10 which is disposed at one side of the window frame and has its free end secured to a fastening cleat or equivalent means 11. The cord is provided with two branches 12 and 13 which pass through guide eyes or equivalent devices 14 at one of the upper corners of the window frame and from this point the member 12 extends downwardly and connects at 15 with one end of the hanger C. The other member 13 extends across the top of the window frame and passes through guide eyes 16 at the other upper corner of the window frame and then extends downwardly to connect at 17 with the opposite end of the hanger. By pulling downwardly on the cord 10, the bracket can be raised to any desired point and held in such position by fastening the cord to the cleat 11. When it is desired to lower the bracket, the cord is unfastened from the cleat 11 and the hanger will drop by gravity to the desired position.

The shade B can be wound or unwound in the usual manner for shading the window, and when it is desired to shade the lower part of the window and at the same time permit light to enter at the top, the hanger C is lowered to the required point and the shade B pulled down and fastened by an eye

18 on the hook 19 at the window sill. Obviously, the upper part of the window can be shaded with equal facility by properly adjusting the hanger.

5 From the foregoing description, taken in connection with the accompanying drawing, the advantages of the construction and of the method of operation will be readily apparent to those skilled in the art to which
10 the invention appertains, and while I have described the principle of operation of the invention, together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that
15 the device shown is merely illustrative, and that such changes may be made as are within the scope of the claims appended hereto.

Having thus described the invention, what I claim is:—

20 1. In a shade roller fixture, the combination of guides, one upon each side of the window frame and consisting of a wire doubled upon itself to provide parallel members, a cleat having spaced openings through
25 which the members of a guide are passed, a second cleat having slots extending inwardly from opposite ends to receive the opposite

end portions of the said guide members, and a hanger mounted upon the said guides and adjustable thereon and removable therefrom. 30

2. In a shade roller fixture, the combination of guides, one upon each side of the window frame and each consisting of a wire doubled upon itself to provide parallel members, a cleat having spaced openings through
35 which the members of a guide are passed, a second cleat having slots extending inwardly from opposite ends to receive the opposite end portions of the said guide members, a hanger extending across the window
40 and provided with the shade roller, and blocks secured to end portions of said hanger, each block having vertically disposed slots extending inwardly from opposite ends
45 for engaging the members of each guide to admit of the hanger being placed in position or removed from the guides.

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

WELLINGTON D. LEE.

Witnesses:

ALEX. J. COAKLEY,
FRANK L. SEWELL.