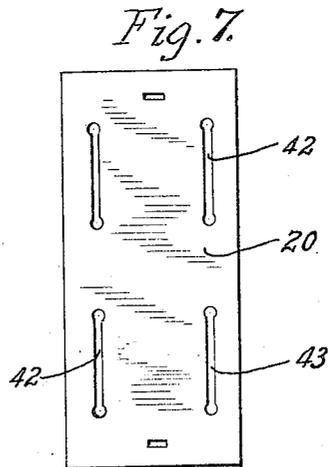
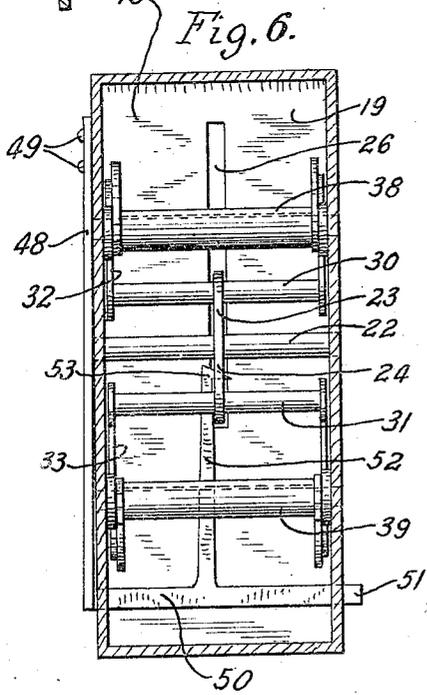
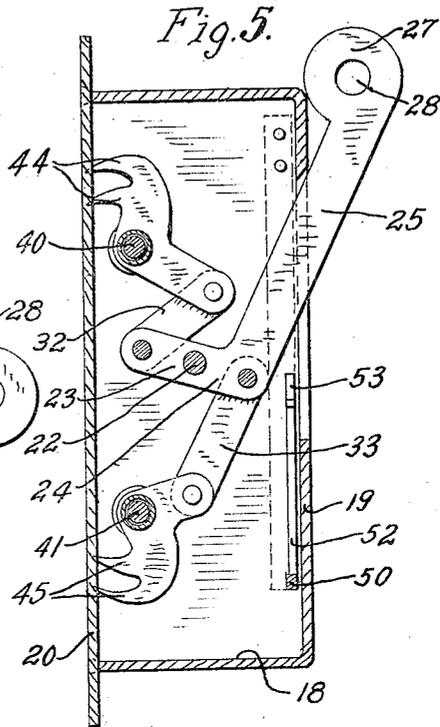
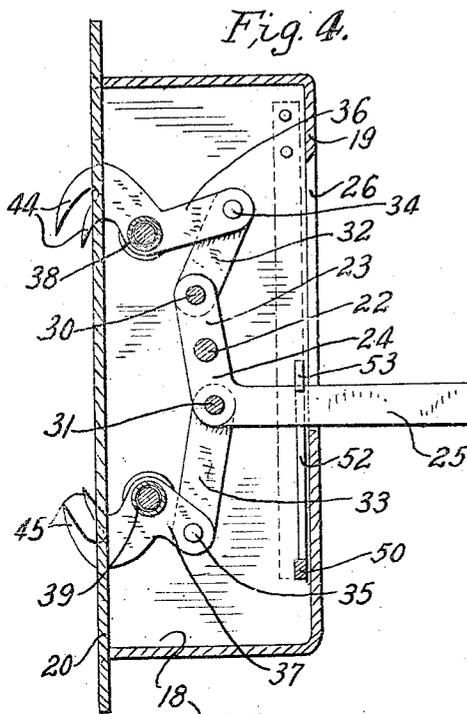


1,306,114.



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SHADE-BRACKET.

1,306,114.

Specification of Letters Patent. Patented June 10, 1919.

Application filed March 21, 1919. Serial No. 284,019.

To all whom it may concern.

Be it known that I, MARTIN M. KOVAL, a citizen of Poland, residing at Heilwood, county of Indiana, and State of Pennsylvania, have invented certain new and useful Improvements in Shade-Brackets, of which the following is a specification.

This invention relates to improvements in devices for supporting window draperies and has as its special object the provision of means whereby the drapery hangers may be securely engaged with the frame of a window in a novel manner without the use of screws, nails or other like fastenings.

A further object is to provide devices which are firmly and rigidly held by the engaging elements until it is desired to remove the same.

A still further object is to provide a fixture which may be adjusted along the upper elements of the window frame to accommodate curtains of various widths.

And, finally to provide a fixture which may be moved from one window to another in an easy and convenient manner.

These and other like objects are attained by the novel construction and combination of parts hereinafter described, and shown in the accompanying drawings, forming a material part of this disclosure, and in which:—

Figure 1 is a front elevational view, showing a conventional type of window frame, and indicating the application of the invention.

Fig. 2 is a top plan view thereof.

Fig. 3 is a side elevational view showing one of the fixtures in an applied position.

Fig. 4 is an enlarged vertical sectional view taken through the same.

Fig. 5 is a similar view showing the same parts in another position.

Fig. 6 is a rear plan view of the fixture casing or frame, the back plate being removed, and

Fig. 7 is a plan view of the back plate in detail.

In Fig. 1 is shown an ordinary type of window frame, comprised of side elements 10, sill 11, and top piece 12, the frame containing the window sashes 13 as usual. Both the side and top elements of the window frame are formed as usual with a raised molding with which the fixtures that carry the curtains or shades 14 are engageable, the same being mounted on rollers 15,

having their pintles or projecting ends 16, all of the several parts being of the usual type of construction.

The fixture comprises a rectangular box-like casing 18, formed with four side walls and a cover plate 19, the sides being secured to a back plate 20, so as to form a rigid structure, in which pivoted on a pin 22, substantially central of the side walls of the casing, is a lever having equal arms 23 and 24, and formed with the latter is an extending arm 25, passing outward through a slot 26 in the cover plate 19, terminating in an enlarged head 27, containing a central opening 28.

Rigidly fixed in the lever elements 23 and 24 are rods 30 and 31 respectively, the same engaging at their outer ends with links 32 and 33 connected by pins 34 and 35 with levers 36 and 37.

Pivoted upon pins 38 and 39, journaled upon rods 40 and 41, fixed in the sides of the casing 18, the outer ends of the levers 36 and 37 being adapted to extend outward through pair of openings 42 and 43, formed in the back plate 20, the levers terminating in double prongs or spurs 44 and 45 adapted to enter the molding 18, when the lever arm 25 is bent downwardly into a horizontal position, or retracted from the molding so as to free the casing, when the lever 25 is raised, the two positions being shown respectively in Figs. 4 and 5.

In order to hold the spurs when engaged with the molding, a spring bar 48 is rigidly secured at one side of the casing by rivets or like fastenings 49, the bar extending downward along the exterior of the casing, and then bent forming an arm 50 extending inward, the extreme end 51 of which passes through an opening formed in the casing 18, so that it may be pressed back when required.

Rising vertically from the transverse arm 50, formed with the spring 48, is a vertical arm 52, terminating in a hook 53, having a beveled upper portion, formed in such manner that when the lever arm 35 is depressed to make contact with the hook end, as to force the same back against the tension of the spring 48 until the arm 25 has passed below, whereupon the hook springs into engagement with the upper surface of the lever arm, holding the same extended horizontally, and causing the prongs 44 and 45 to remain firmly fixed within the wooden frame

of the window, thus providing a rigid support for the curtain roller ends, while obviously the fixture casing may be moved to or from one another, and applied in any preferred adjusted position whatever.

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

1. A window shade fixture comprising a hollow casing, a lever pivoted therein, an arm extending from said lever outwardly through said casing, links connected at the ends of said lever, a second pair of levers pivoted in said casing pivoted to said links, grab hooks formed on the opposite end of said second pair of levers adapted to engage with a support when said lever arm is turned horizontally, and to be released from engagement when said lever arm is raised.

2. In a curtain fixture or the like, the combination with a rectangular metal casing having a slot in its front levers having elements of equal lengths pivoted centrally in said casing, an arm engaged with one of said lever ends extending outwardly through the mentioned slot, means in said arm for

supporting a curtain pole, links secured to the opposite ends of said lever elements, grab hooks pivotally engaged in said casing operable by said links, and retractile means engageable with said arm when extended horizontally.

3. In a curtain fixture or the like, the combination with a metallic casing having a slotted front plate and a back plate secured thereto, of pivoted grab hooks mounted in said casing and adapted to pass through the openings formed in said back plate, said grab hooks being engageable with frame work of the window, links connected with said grab hooks opposite their pivotal points, a lever pivoted in said casing engaged at its ends with said links, means for operating said lever, and means for holding said lever when in a horizontal position, whereby said grab hooks are firmly held in engagement with the frame work of the window.

In testimony whereof I have affixed my signature.

MARTIN M. KOVAL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."