

(No Model.)

A. F. GIROUARD.
CURTAIN FIXTURE.

No. 567,466.

Patented Sept. 8, 1896.

Fig 1.

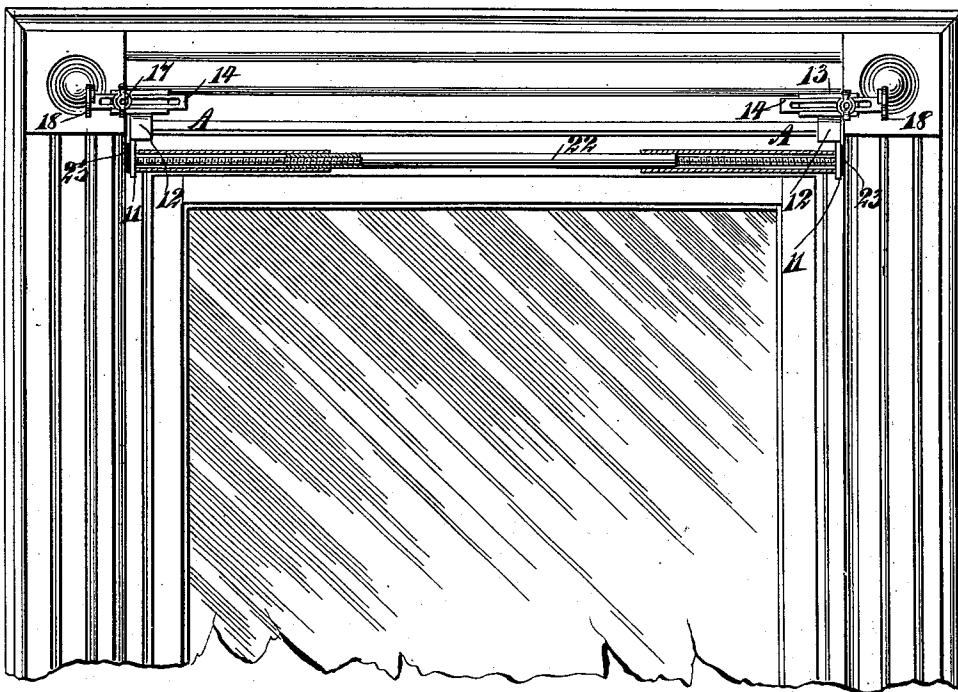


Fig 2.

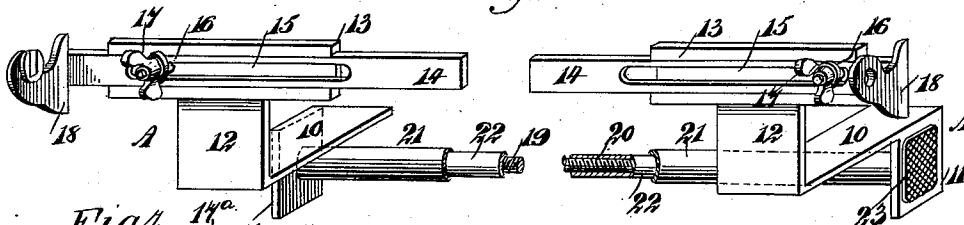


Fig 4.

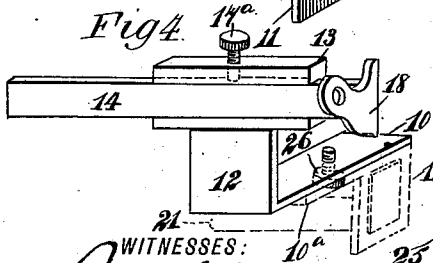


Fig 3.

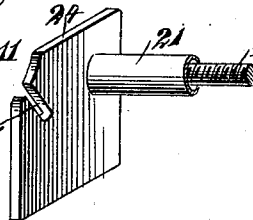
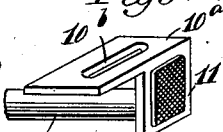


Fig 5.



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UNITED STATES PATENT OFFICE.

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CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 567,466, dated September 8, 1896.

Application filed March 10, 1896. Serial No. 582,553. (No model.)

To all whom it may concern:

Be it known that I, ALDERIC F. GIROUARD, of Leominster, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Curtain-Fixtures, of which the following is a full, clear, and exact description.

My invention relates to an improvement in curtain-fixtures; and the object of the invention is to provide a means whereby the said fixtures may be adjusted to any length of shade-roller and secured upon the window casing or frame without the aid of nails, screws, or other fastening devices that would tend to mar the wood.

A further object of the invention is to construct a device upon which the fixtures are adjustable, the said device serving as a clamp adjustable to window-frames of different widths, the fixture in its entirety being exceedingly simple, durable, and economic in construction.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation, parts being in section, of the improved fixture applied to a window-frame. Fig. 2 is a perspective view of the main portion of the fixture, the adjusting mechanism for the clamping portion being in section; and Fig. 3 is a perspective view of one end of a modified form of the fixture especially adapted for hanging shades inside of the window-frame. Fig. 4 is a perspective view of one of the brackets in a modified form, and Fig. 5 is a perspective view of an adjustable member of the base-plate.

In carrying out the invention two brackets A are employed of like construction, and each bracket comprises a horizontal base-plate 10, a clamping-plate 11, secured to the inner or rear portion of the base-plate, preferably at the outer side thereof, and a standard 12, which is secured to the forward or outer end of the base-plate, the said standard 12 being preferably of substantially T shape. A slide-

way 13 is made in the outer face of the horizontal section of the bracket-standard, as is best shown in Fig. 2, and in this slideway a bar 14 has guided movement, the bar being provided with a longitudinal slot 15 of suitable length.

A screw 16 is secured in the said slideway 13, and extends through the slot in the sliding bar or slide 14, and the said slide or sliding bar is held in any position to which it may be adjusted on the said bracket by means of a thumb-nut 17, located on the screw and having bearing against the front face of the slide or sliding bar; but other forms of locking devices may be substituted for the set-screw just described.

A curtain-fixture 18 is secured to the outer end of the sliding bar or slide 14, standing, preferably, at a right angle thereto, and the fixture carried by one bracket is provided with a slot to receive the squared trunnion of a shade-roller, while the fixture carried by the opposite bracket is provided with the usual round opening for the reception of the similarly-shaped trunnion at the opposite end of the shade-roller.

The two brackets are connected through the medium of the clamping plates or sections 11 thereof, and this connection is effected by securing upon the inner face of each clamping-plate a rod, the rod connected with one bracket having a right-hand thread and the rod connected with the opposing bracket being provided with a left-hand thread. These two rods are designated in the drawings by the reference-numerals 19 and 20. Each rod is preferably surrounded by a tube 21, and each tube is connected to the clamping-plate of a bracket and extends a predetermined distance in direction of the inner end of the threaded rod which it surrounds, the tubes being of much greater diameter than the diameter of the rods. The threaded rods 19 and 20 are connected through the medium of a sleeve 22, which has a right-hand interior thread at one end and a similarly-located left-hand thread at its opposite end, the rods being entered into correspondingly-threaded ends of the sleeve, and the ends of the sleeve are adapted to slide within the outer tubes 21. The outer face of each clamping-plate is

preferably provided with a cover 23, of rubber or a like material, presenting a roughened outer face.

In operation the clamping-plates of the
5 brackets are brought to such a position at the top inner portion of the window-frame as to enable the clamping-plates to engage with the inner faces of the side members of the said window-frame close to the top connecting
10 member. The sleeve 22 is then turned in a direction to carry the brackets outward, and when the brackets have been brought to a firm and secure clamping engagement with the side members of the window-frame, as
15 shown in Fig. 1, the base-plates of the brackets will be below the lower edge of the upper connecting member of the window-frame and the standard-sections of the brackets will extend upward in front of the said frame member, as shown in Fig. 1. The slides carrying
20 the fixtures are then adjusted by loosening the set-screws and moving the slides until the fixtures have been brought the proper distance apart to receive the shade-roller designed for the window, whereupon the set-
25 screws are again tightened.

It is evident from the foregoing description that the fixture is exceedingly simple, durable, and economic, and is adapted for attachment to a frame without disfiguring said
30 frame in the slightest manner.

In Fig. 3 a modification is shown, in which clamping-plates 24 are connected by the right and left hand threaded rods and the adjusting-sleeve, the clamping-plates being provided with suitable openings 25 in their forward edges to receive the trunnions of a
35 shade-roller. This form of the device is particularly adapted for use when the shades are to be hung inside of the window-frame.
40

In Figs. 4 and 5 the base-plate 10 of the clamping-plate 11 is provided with an adjustable member 10^a, having a slot 10^b, the clamping-plate being secured to this member, and
45 the member 10^a and plate 10 are connected by a set-screw 26, passed through the slot 10^b of the member 10^a into the member 10, as shown in Fig. 4, enabling the bracket to be adjusted laterally.

50 If in practice it is found desirable, the slide

14 may be made without the slot 15, as shown in Fig. 4, and in such event a set-screw 17^a will be passed through the top of the slideway to an engagement with the slide.

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

1. A curtain-fixture having two brackets each comprising a horizontal base-plate from the outer side edge of which a clamping-plate
60 depends and from the outer end of which a standard rises, the standard of each bracket having a slideway at its upper portion, a bar horizontally movable in each slideway, means for holding the bars in place, a tube rigidly
65 secured to and projecting inwardly from each clamping-plate; differentially-threaded rods respectively received within the tubes and fixed to the clamping-plates, and a tube internally threaded to cooperate with the
70 threads of the rods, the ends of the internally-threaded tube respectively receiving the rods, substantially as described.

2. A curtain-fixture having two brackets each of which comprises a base-plate from the
75 outer end of which a standard rises and from the outside edge of which a clamping-plate depends, a slide movably carried by each standard, a rod projecting inwardly from each clamping-plate, the rods being differentially
80 threaded, a tube receiving the rods and internally threaded to cooperate with the same, and two additional tubes respectively fixed to the clamping-plates and receiving the rods thereof, substantially as described.
85

3. In a curtain-fixture, two brackets, each having a clamping-plate, a rod fixed to each clamping-plate and projecting inwardly therefrom, the rods being differentially
90 threaded, a tube fixed to each clamping-plate and receiving the respective rods, and a second tube, the ends of which respectively receive the threaded rods, the second tube being internally threaded to cooperate with said rods, substantially as described.

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Witnesses:

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