

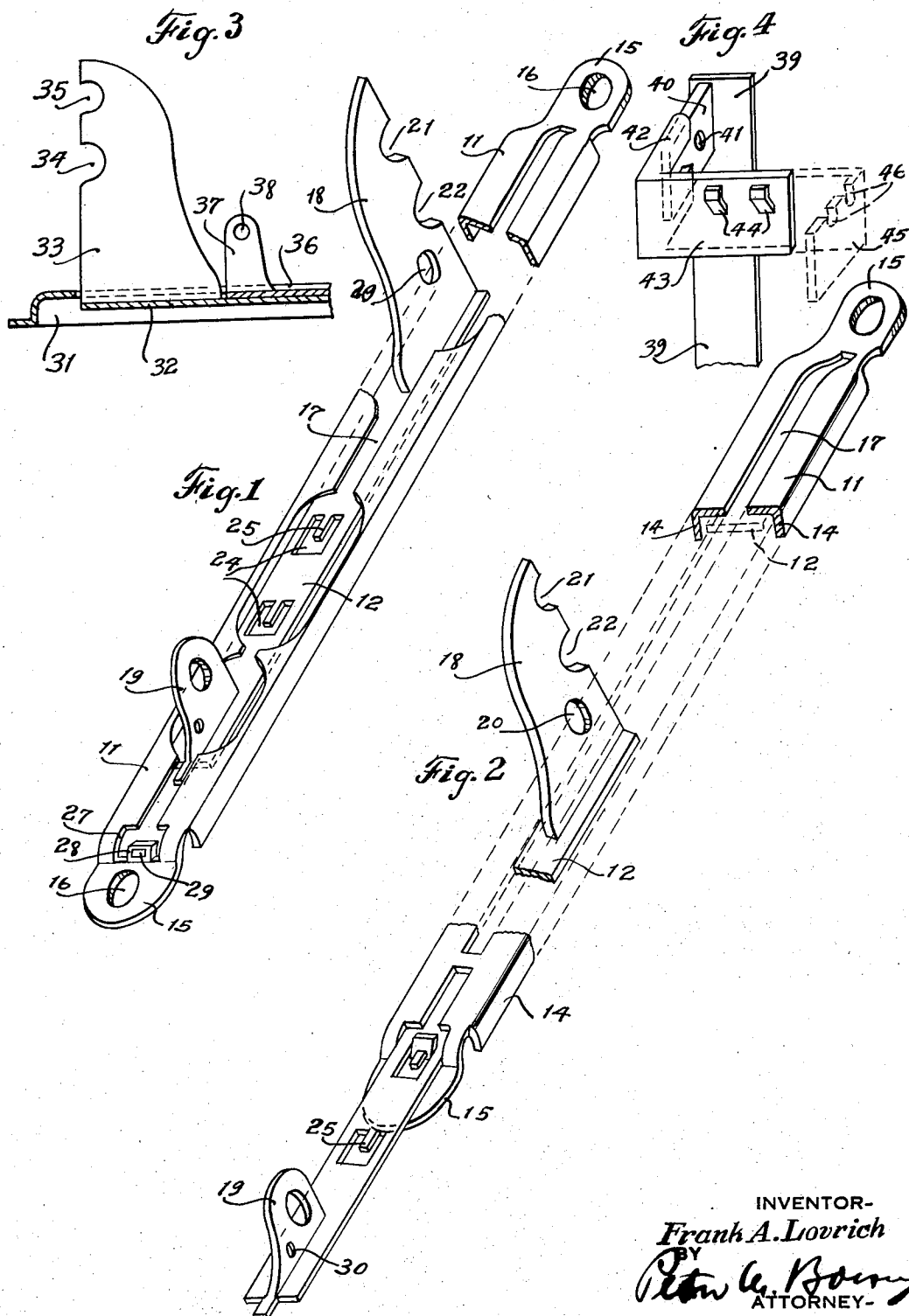
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ADJUSTABLE SUPPORT FOR WINDOW SHADES AND CURTAINS

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ADJUSTABLE SUPPORT FOR WINDOW
SHADES AND CURTAINS

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This invention relates to house-furnishings, and has for its object the provision of a new and improved adjustable support for window-shades, curtains, draperies, and the like.

5 The fixing of window-shades, curtains and draperies or other similar pieces of house-furnishings, as this is performed at the present time, is subject to great troubles and inconveniences. Thus in the case of a house in brick masonry or
10 concrete it is very difficult to fasten the holders of the said pieces of furnishings solidly in the wall, and in their correct positions, the more so, as always at least two and often even more of such holders or supporters must be provided for
15 and placed on both sides of a door or window, so as to be in harmony with reference to each other. Another difficulty arises from the fact, that the curtains are to be taken off periodically, to be washed, and thereafter must be hung up on the
20 supporters again; in this connection it is for everybody, but in particular for women, a rather difficult and often even a dangerous task to mount a step-ladder or to descend from it with the heavy load of the curtain and curtain-carriers in the hands.

25 The object of the present invention is to overcome these draw-backs, and provide a new and improved way of fixing and supporting window-shades, curtains, draperies, and other similar
30 pieces of house-furnishings.

In this regard, it is the first object of the invention to simplify the practice of fixing window-shades, curtains, and the like at their proper positions on the walls of a house. Another, and
35 still more important object, is to eliminate all danger of accidents during the work of hanging up or taking down from the walls the curtains, window-shades, and the like. An advantage of this construction resides in the fact, that curtains and draperies may, without any effort, be
40 lowered from their usual position, to permit of a free circulation of air; a feature of great importance from a healthstandpoint. Other characteristic and advantageous features of my invention
45 will be noted hereinafter, as this description proceeds.

As the construction of my new and improved device is relatively simple, the cost of manufacturing should be correspondingly low.

50 In order to more clearly disclose the exact nature of this invention, the latter has been hereinafter fully described in detail, with proper reference to the drawing, which forms a part of this application, and in which:—

55 Figure 1 is a perspective view of the illustrated

embodiment with the slidable carrier of the holders of the curtains, or the like, set near to its uppermost position.

Figure 2 is a similar perspective view of the same device, but with the slidable carrier of the holders of curtains, or the like, set to a somewhat lower position and locked in that position to a stationary casing or base of the device.

Figure 3 shows a partially sectioned side-view of a modification in my device, according to which two separate vertically slidable supports are provided, while

Figure 4 is a perspective view of another slightly modified detail in the construction of my device. Referring more particularly to the drawing, 11 is a casing serving as the guideway for the foot-bar 12 of the adjustable curtain and shade support. This guideway is made out of a long strip of metal, bent so as to form over most of its length the guiding plane 11, and having on each side a lateral flange 14. The two lengthwise ends of the casing 11 are flattened down, so as to form rounded ears 15 with holes 16, to receive nails or screws, by means of which the whole device is fastened in a vertical position on the wall along the side of the jambs of a frame of the door-or-window-opening, or where ever else the curtain support is to be fixed. The main or front-plane of the device has a middle longitudinal slot 17, through which passes the bracket 18 at the upper end of the slidable part of the curtain-support, as well as the flap 19 at the lower end of this slidable part, which flap 19 is conveniently used as a handle in adjusting or setting the curtain-support. The bracket 18 and the flap 19 extend through the slot 17 perpendicularly from the foot-forming bar 12, which is guided in the channel, formed by the front plane 11, the lateral flanges 14, and the wall of the house, to which wall the device is fixed. The bracket 18 of the embodiment of my invention, shown in the drawing, is intended to carry a window-shade, a curtain and an upper cross-window drapery covering the upper ends of the downwardly-hanging curtain. For this purpose the bracket 18 is provided, nearest to its base, with a hole 20, to receive the axis of the window-shade, which will be preferably of the type of self-winding shades. On the upper edge of the bracket are two grooves 21, 22, intended to serve as bearings or rests for the curtain-holder, or rod, and for the drapery-holder, respectively. The perpendicularly protruding flap 19 at the lower end of the slidable part of the device serves as a handle in sliding the curtain-

and shade-holder up or down, and it is provided with a hole 16 through which may be passed a tassel or a decorative rope or bow for gathering in the lower part of the hanging curtain.

5 The adjustable curtain- and shade-support, according to my invention is preferably given such length, that the upper end of the guiding slot 17 reaches to the lintel of the door or window opening, whereas the lower handle 19 is not
10 higher than to be still handy for the grip of a person standing on the floor of the room. Then this person, while standing on the floor, may operate the handle 19, so as to shift the slidable part of the device further down along the slot
15 17 until the bracket 18 is within reach of the person, who may then insert the shaft or pivot of the window-shade into the hole 20, and may place the curtain-holder and the drapery-holder on their respective rests or grooves 21, 22. There-
20 upon the slidable curtain and shade-support is again shifted up to any desired height, and is fixed in the appropriate and final position by locking-means to be described hereinafter. If the shade or the curtain is to be taken off for
25 washing or any other purposes, it is only necessary to unlock the slidable part, and to let it slide down along the guiding slot 17 sufficiently to bring the bracket 18 again into reach of the person operating the device.

30 The means for arresting and locking the slidable part of the device at any desired height consist of the following parts:—The foot-forming bar 12 of the slidable part is provided with a number of rectangular window-like openings 24,
35 one after the other, in suitable distances, and at the upper side of each one of these window-openings is a small tongue 25 extending within the plane of the bar 12 into the middle of the said window opening 24. At the lower end of the
40 casing 11, where its upper slotted front-plane turns down to change into the flat lower ear 15, this intermediate or bridging part 26 is provided with an opening 27, which is cut out large enough, to let pass through this opening the foot-forming
45 bar 12. Within this opening 27 however a small fillet-like projection 28, a little less in width than the window openings 24 in the slide-bar 12, extends upwardly from the ear 15 to such height only within the opening 27, that the slide-bar
50 12, when being shifted down along the slot 17, will ride on this projection. A small hole 29 within this fillet-like projection 28 corresponds to the small tongue 25, so that eventually these two parts may come into cooperation by forming a
55 lock joint.

This takes place in the following manner: When during the downward shifting of the adjustable shade and curtain-support the slide-bar 12 rides over the projection 28, and one of the
60 slide-bar windows 24 reaches this projection, then the slide-bar losing its support will sink down towards the flat lower ear 15, and the projection 28 enters into the slide-bar window 24; but as the shifting movement of the slide-bar continues still at this moment, the small tongue
65 25 within the slide-bar window will be caught within the little hole 29 of the projection to the effect of locking the slide-bar 12 against further downward movement. An inadvertent upward
70 shifting of the shade and curtain support is likewise made impossible by this automatic locking arrangement. To reset the adjustable device to a new or other position, it is only necessary first to disengage the tongue 25 from the hole 29, then
75 to lift and shift the slide-bar 12 to ride again on

the projection 28, whereafter the slide-bar 12 with the bracket 18 may be set to any desired position.

The invention is not restricted to the details of the before described and illustrated construction, but may be modified in different respects. 80 Thus for instance the interlocking of the slide-bar 12 and the casing 11 in any chosen adjusted position may be effected by the means of simple holes provided in these two parts at different
85 places, which holes can be brought to register with each other, and by pins or plugs to be inserted into such a pair of cooperatively adjusted holes. Another modification of my invention, which may be preferable under certain condi-
90 tions, would consist therein that separate brackets are provided for, one set of them for holding the window-shade, and another set of them for holding the curtains and draperies, as this is illustrated for instance in Figure 3. In that modi-
95 fication 31 is the casing, to be fastened vertically on the wall, which casing 31 is provided with a longitudinal slot, as described with reference to the first example.

A slide-bar 32 with a horizontal bracket 33, 100 with grooves 34, 35 for supporting the holders of curtains and draperies is guided within the space of the said casing.

Another slide-bar 36 is independently slidable along the first said slide-bar 32. This second 105 slide-bar 36 is provided with another smaller horizontal bracket 37 with a hole 38 to hold a pin-tile of a window-shade of the usual type. In consequence of this construction either the two slide-bars 32 and 36 with their respective brackets may
110 be lowered together, or the slide-bar 36 alone with its bracket 37 may be taken down.

According to the construction shown in the Figure 4, the vertical slide-bar 39, which is guided within a vertical casing, as in the previous exam- 115 ples, is provided at its upper end with a comparatively short arm 40 extending horizontally from the bar 39 into the room. This arm 40 is provided with a hole 41 to receive the axis of a window shade. On the end of this arm is detach- 120 ably fastened the sleeve-shaped one flange 42 of a bent fitting 43.

One, two or more hooks 44 are provided on this fitting, either by making suitable cuts and lateral bending of the formed tongues, or by sol- 125 dering onto such hooks.

These hooks 44 may be used for fastening the holders of the curtains, which are hung down at the sides of the window or door, and of the draperies. 130

This main part of the fitting 43, which extends parallel to the wall, may be continued in some cases to form still another flange-part 45, which extends deeper into the room, and which flange is provided with one, two, or more grooves 46 in 135 its upper edge, into which grooves are placed the holders of the curtains and draperies in the case that the used modification of the device is not provided with carrier-hooks 44. It is evident that likewise such fittings may be used, 140 which have only one hook and one groove and the constructive details of these curtain and drapery-holding organs may be varied still in other ways.

The principles of this invention lend them- 145 selves easily to adaptation to different fashions and styles of room-furnishing. Thus for instance the flap 19 may be modified to serve as a holder for additional smaller curtains to be provided at a medium or lower height at the side of the win- 150

dow opening or door opening; and at the small hole 30 in the lower corner of the flap 19 may be hooked or otherwise fastened a suitable means, such as any of a number of plugs or arms, provided at different heights on the slide bar 36 near its lower end, so as to facilitate the setting of this slide bar 36 to any desired height on the main sliding bar 32. On the other side the hole 16 of the hole 30 may be used for hooking therein temporarily or permanently a rod or pole for facilitating the resetting of the sliding bars 36 and 32, respectively, to other heights, if the lower ends of these sliding bars are too high to be within easy reach of the hand of a person.

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

1. A device for supporting window-shades, curtains, draperies, and the like, comprising in combination, a longitudinally extending base, adapted to be fixed in a vertical position on a wall, a slide-bar, vertically adjustable along the base, a short arm extending from the upper end of the slide-bar into the room, and adapted to hold a pintle of a window-shade, a bent fitting detachably fastened to the arm, and adapted to carry the holders of curtains and draperies, means for adjusting the slidebar along the base, and means for fixing the slidebar at any chosen adjusted position with reference to the base.

2. A device for supporting curtains, draperies, window-shades and the like, comprising in combination a vertical sheath-like casing with a slot extending over its length and with an opening at its lower end, a bar slidable within the casing and being provided over its length with a succession of window-like cut-outs, a carrier-bracket for the

curtains or the like fixed at the upper end, and a handle fixed at the lower end of the bar, so as to extend through the slot of the casing into the open space of the room, and means for holding the slidable bar in any chosen adjustment with reference to the casing, said means consisting in a projection on the casing, extending from below partly into the opening at the lower end of the casing and adapted to catch into any of the window-like cut-outs of the bar, when this bar is passed through the opening at the lower end of the casing.

3. A device for supporting curtains, draperies, window shades and the like, comprising in combination a vertical sheath-like casing with a slot extending over its length and with an opening at its lower end, a bar slidable within the casing and being provided over its length with a succession of window-like cut-outs, a carrier bracket for the curtains or the like fixed at the upper end and a handle fixed at the lower end of the bar so as to extend through the slot of the casing into the open space of the room, and means for holding the slidable bar in any chosen adjustment with reference to the casing, said means consisting in a projection on the casing extending from below partly into the opening at the lower end of the casing, said projection having a hole in its center and being adapted to catch into any of the window like cut-outs of the bar when the bar is passed through the opening at the lower end of the casing, and small tongues arranged in the window like cut-outs and extending partly into the latter, the said tongues being adapted to catch into the hole in the projection on the casing, substantially as shown and described.

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