

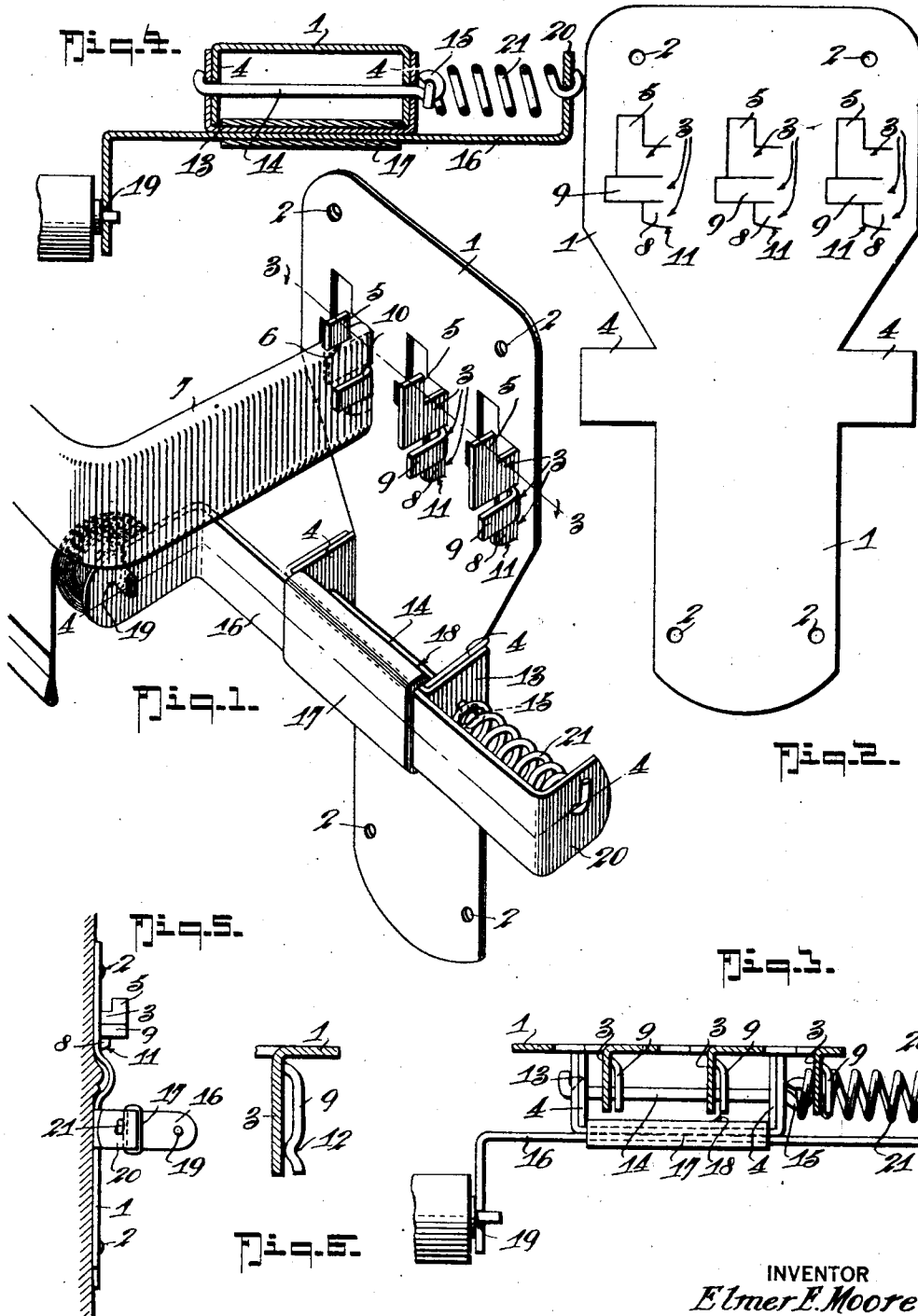
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CURTAIN ROD AND SHADE HOLDER

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CURTAIN ROD AND SHADE HOLDER.

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The invention has for its object to provide a new and improved means to support curtain rods and shade rollers in desired position for efficiently accomplishing their intended purposes and in a manner preventing inadvertent displacement and rattling, and for accommodating said rods and rollers of varying lengths as the occasion may require.

In its more detailed nature, the invention resides in the novel details of construction, combination and arrangement of parts, all of which will be first fully described, then be particularly pointed out in the appended claims, reference being had to the accompanying drawing, in which:—

Figure 1 is a detail perspective view of one of my improved curtain rod and shade roller mounting brackets.

Figure 2 is a diagrammatic plan view illustrating the blank from which the main bracket body is formed.

Figure 3 is a horizontal section taken on the line 3—3 on Figure 1.

Figure 4 is a horizontal section taken on the line 4—4 on Figure 1.

Figure 5 is a diagrammatic edge view illustrating a modified shape of the bracket.

Figure 6 is a diagrammatic plan view illustrating a modified shaping of the lateral lugs.

In the practical development of the invention I provide a body 1 of thin metal from which the main bracket portion may be stamped and formed up to include means at 2 for securing the same upon the window casing, a plurality of rod mounting lugs 3 (three being shown) and a pair of shade bracket mounting ears 4. See Figures 2 and 1.

The lugs 3 are stamped and bent out at right angles to the bracket 1 and are each shaped to comprise an upstanding finger 5 to project upwardly through the rectangular slots 6 in the ends of the curtain rods 7, a retaining finger 8 to fit into the end of the rod and engage its lower inside edge to prevent inadvertent lifting of the rod end up off the finger, and a lateral retaining lug 9 cut from the main lug body 3 down to a point adjacent but short of its juncture with the body 1 and bent slightly laterally to provide a space approximating the thickness of the rod metal and again to parallel the plane of the main lug body 3.

The curtain rod ends each have a notch 10 formed in the whole wall thereof of a width

to snugly straddle the laterally bent portion of the lug 9. By thus constructing the rod end and the mounting lugs, when the open ends of the rods are slipped over the lugs 3, with the whole wall thereof between the main lug body and the lateral lug 9, and the notch 10 straddling the lateral portion of said lug 9, the upper and lower edges of the main lug body 3 and the upper and lower edges of the notch 10 will prevent vertical movement of the rod, and the opposing faces of the lugs 3 and 9 will engage the whole wall of the rod end and prevent lateral movement thereof.

The lower edges of the lugs 3 are preferably curved at 11 to permit the pivoted movement necessary to remove the rod ends from the mounting bracket.

If desired the lateral lugs 9 may be spring shaped as at 12 so that they will frictionally engage the rod end and overcome all tendency to rattle. See Figure 6.

A U-shaped piece 13 of the same width as that of the ears 4, and having arms of the same length, is provided and is mounted on the bracket by passing a mounting pin 14 through the arms of the member 13 and the ears 4 in the manner illustrated in Figure 4 of the drawing. The pin 14 has an eye 15 at one end and is bent over at the other end to secure it to position holding the member 13 on the main bracket body. A shade roller mounting slide member 16 is provided and is slidable in a slotway provided between the outer face of the member 13 and the plate 17 which is edge clamp mounted on the member 13 as at 18.

At one end each slide 16 has a mounting portion bent at right angles to the main slide body and equipped with a shade roller end receiving slot or aperture 19 depending on which end of the roller the particular slide member is adapted to engage.

At its other end the slide has an inturned ear 20 to which is connected one end of a retractile spring 21, the other end of said spring being connected to the pin eye 15. The springs thus act to yieldably hold the slides against the respective shade roller ends, making possible the use of varying sizes of shade rollers.

From the foregoing description, taken in connection with the accompanying drawing, it is thought that the novel details of construction, the manner of use and the advan-

tages of my invention, will be readily apparent to those skilled in the art to which it relates.

What I claim is:

- 5 1. A device of the class described comprising a bracket body of sheet metal, curtain rod mounting lugs projecting from the sheet metal body including a main lug body insertable into the end of the curtain rod, and a
10 lateral lug cut and bent out from the main lug body and bent at the free end to provide a rod engaging spring end to frictionally engage a rod portion when inserted between it and the said main lug body.
- 15 2. In a bracket device for curtain rods, the curtain rod end having turned edges and at least one whole wall; a bracket body of sheet metal, and curtain rod mounting lugs projecting from the sheet metal body including
20 a main lug body insertable into the end of the curtain rod, and a lateral lug cut and bent from the main lug body from a point adjacent but short of the juncture of said main lug body and said bracket body to form a lateral
25 portion and a portion spaced from said main body and adapted to frictionally engage the whole wall of the rod when inserted in the space formed between said spaced portion and said main lug body, said rod end whole
30 wall having a notch to snugly straddle the said lateral portion for the purposes specified.
- 35 3. In a bracket device for curtain rods, the curtain rod end having turned edges and at least one whole wall; a bracket body of sheet metal, and curtain rod mounting lugs stamped and bent from the bracket sheet metal body to comprise upper and lower rod edge engaging edges, an elongated upstanding keeper lug, and a lateral lug cut and bent

from the keeper lug body from a point adjacent but short of said main body and said bracket body to form a lateral portion and a portion spaced from said main body to form a rod whole wall end receiving space, said rod end whole wall having a notch to snugly
40 straddle the said lateral portion and one turned edge having an elongated slot to receive said upstanding keeper lug for the purposes specified and said lower engaging edges being curved upwardly toward their
50 ends for the purpose specified.

4. A device of the class described comprising a bracket body of sheet metal, ears bent to extend from the bracket body, a member
55 having ears matching the bracket body ears and a cross slideway, means to secure the ears together, a slide slidable in the slideway and having provision at one end to receive a shade roller end, and a spring connected to the
60 other end of the slide and to the ears and normally tending to extend said first mentioned slide end for the purposes specified.

5. A device of the class described comprising a bracket body of sheet metal, ears bent to extend from the bracket body, a member
65 having ears matching the bracket body ears and a cross slideway, a pin to secure the ears together having a bent end disposed at one extreme face of the ears and an eye at the other extreme face of the ears, a slide slidable
70 in the slideway and having provision at one end to receive a shade roller end, and a retractile spring connected to the other end of the slide and to the pin eye and normally tending to extend said first mentioned slide
75 end for the purposes specified.

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