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L. J. ROSE

2,185,385

ADJUSTABLE CURTAIN BRACKET

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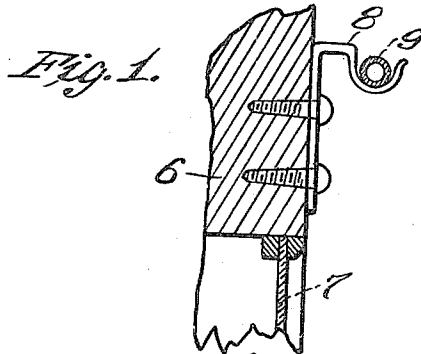


Fig. 4.

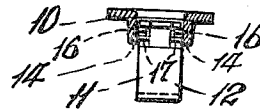


Fig. 3.

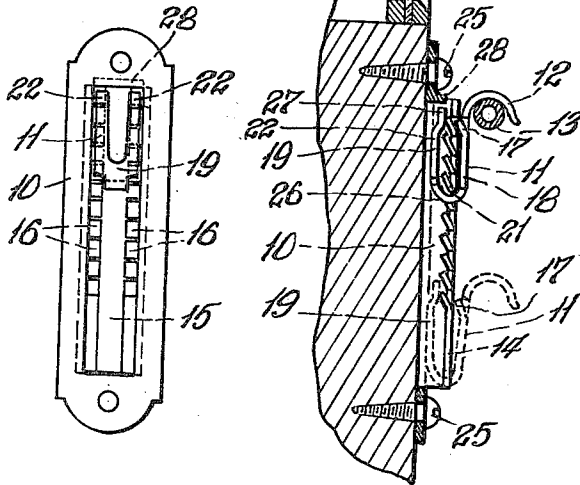


Fig. 2.

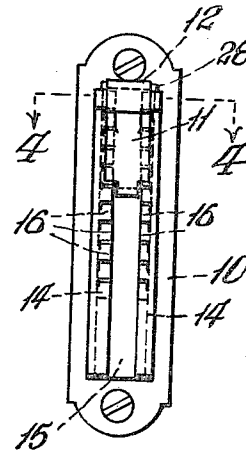


Fig. 5.

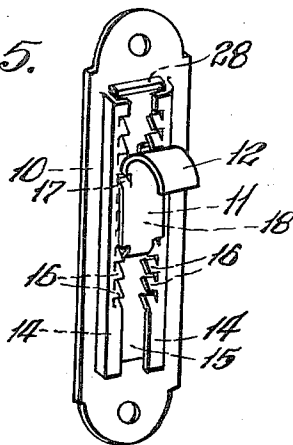
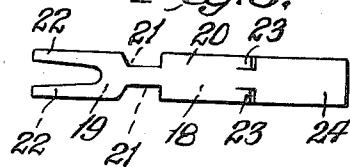


Fig. 6.



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ADJUSTABLE CURTAIN BRACKET

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Application February 12, 1937, Serial No. 125,439

4 Claims. (Cl. 248—265)

This invention relates to an adjustable curtain bracket which discloses certain improvements differing from those disclosed in my co-pending application Serial No. 23,228, filed May 24, 1935, which has eventuated into Patent No. 2,079,816, the invention of the instant application residing in the simplicity of structure of the device.

A particular object of the invention is to provide the housing of the device with both the guiding part and the retaining teeth for the curtain rod holder, on the same face or side of the housing.

Another object is to provide the housing of the device with a guiding slot and with retaining teeth for the curtain rod holder on each side of the slot.

A further object is to provide an adjustable curtain rod bracket of two parts, one serving as the guiding element and the other being a resiliently yieldable clamping element which is slidable in the guiding element and is retained therein by its inherent resiliency and shape.

A still further object is to provide an adjustable curtain bracket of the character used in pairs in cooperation with the lower curtain rod for accommodating the curtain length and holding the curtain taut.

Another further object of the invention resides in securing the two part curtain bracket to a door or window in a manner wherein the securing means at one end is disposed to prevent inadvertent removal of the curtain rod holder from the retaining housing therefor.

Other objects and advantages will appear as this description progresses and by reference to the drawing, in which:

Figure 1 is a fragmentary vertical section of part of a door or window and having an intermediate portion broken away and showing the invention applied thereto.

Figure 2 is a front elevation of the curtain rod bracket.

Figure 3 is a rear elevation of Fig. 2.

Figure 4 is a transverse section taken approximately on the line 4—4 of Fig. 2.

Figure 5 is a perspective view of the curtain rod bracket.

Figure 6 is an elevation of a pre-formed blank from which the curtain rod holder is made.

Referring by numerals to the accompanying drawing, 6 designates a portion of a window or door having a glass panel 7 across the light opening thereof, the upper portion of the door having a bracket 8 of a pair of brackets for the support of the upper curtain rod 9. Secured to the door

adjacent the bottom of the light opening, is a bracket 10 of a pair of adjustable curtain rod brackets, each bracket 10 having a slidably mounted curtain rod holder 11 and each holder having an inverted hook portion 12, and under-engaging said hook members is the lower curtain rod 13.

As the brackets 10 are used in pairs in cooperation with the upper brackets 8 in supporting respective curtain rods 9 and 13, but one of the brackets 10 and its cooperable curtain rod holder 11 is here described in detail. To this end, the bracket 10 is formed of a single piece of sheet material having a pair of longitudinally extending and opposed pressed-out parts 14, the opposed disposition of said parts forming a guide way 15 for the curtain rod holder 11. On respective parts 14 stamped out teeth 16 are formed, said teeth being for cooperation with respective side disposed teeth 17 which are formed on the holder 11.

The curtain rod holder 11 is formed from a single piece of resiliently flexible sheet material which is shaped in its formation to provide the inverted hook portion 12 on one end, the teeth 17 on the intermediate portion 18 and a clamping portion 19 on its opposite end, as shown more clearly in Fig. 1. The teeth 17 of which there are two, are each disposed on respective side edges of the intermediate portion 18 of the holder 11 and are inclined towards respective rows of teeth 16 for under-engagement therewith, as the holder 11 is moved downwardly in the bracket 10.

The curtain rod holder is peculiarly shaped or formed in order to adapt it both for sliding engagement within the bracket 10 and for retaining engagement within the bracket and is of a U-shape with the inverted hook portion 12 extending from the outer leg of the U-shape or the heretofore mentioned intermediate portion 18 of the holder, and for further illustration of the holder 11, attention is called to Fig. 6 which shows the stamped out blank required for forming or shaping the curtain rod holder. In this connection, the blank 20 is provided with opposing recesses 21 on opposing edges, and the clamping end 19 is formed by the bifurcated members 22 on one end of the blank 20 and the opposing teeth 17 are provided by the right angular cuts or punchings 23 while the portion of the blank forming the hook portion 12 is that part of the blank designated as 24.

In bending the blank 20 to form the curtain rod holder 11, the U forming bend is made across

that portion of the blank between the recesses 21, and the part 24 of the blank is bent to form the hook portion 12, and in mounting the formed holder 11 in the bracket 10, the recesses 21 are engaged over respective rows of teeth 16 and the bent ends 27 of the bifurcated members 22 will resiliently engage the inwardly projecting edges of the teeth 16 and the inclined teeth 17 will resiliently engage the teeth 16 on the opposite side. This resilient engagement of the curtain rod holder 11 in the bracket 10 retaining it in the bracket during storing and shipping, the bowed clamping portion 19 making for a more cooperably resilient clamping engagement of the bifurcated members 22 thereof with the bracket 10.

In the application and use of this improved adjustable curtain bracket, a pair of the brackets 10 are secured to a door or window frame with respective curtain rod holders 11 therein, by the upper and lower disposed screws 25 in alignment with the guide way 15 of the bracket, and the upper curtain rod brackets 8 are secured in positions above the light opening of the door. The curtain rod 9 is mounted in the brackets 8 with the decorating curtain depended therefrom and sustaining the lower curtain rod 13 which is engaged beneath the hook portion 12 of respective curtain rod holders 11 which may be disposed adjacent the upper ends of the respective brackets 10, and if the depending curtain sags, the pair of rod holders 11 are pressed downwardly by engagement with the hook portions 12 thereof until the curtain is drawn sufficiently taut, this pressing down operation causing the teeth 17 of each rod holder 11 to engage and resiliently pass over successive teeth 16 of respective brackets 10 as the holders are lowered to required positions.

For releasing the curtain rod holders 11 so that they can be upwardly moved in respective brackets 10, a downwardly and outwardly bearing force is given to the hook portions 12 for withdrawing the teeth 17 of respective holders 11 from respective rows of teeth 16 of the brackets 10, and the holders 11 are then moved upwardly in this position and in the position as shown in dotted lines in Fig. 1. This tilting action on the hook portion 12 of respective rod holders 11 will cause the intermediate portion 18 of the rod holder to fulcrum at the acute bend 26, but as soon as the hook portion 12 is released, the teeth 17 will be swung to re-engaging position with the teeth rows 16 of respective brackets 10.

Owing to the alining securing screws 25 of respective brackets 10 having their heads project in the path of sliding travel of respective curtain rod holders 11, the curtain rod holders will be prevented from being withdrawn downwardly from the guide way or slot 15 of respective brackets 10 as they will abut the respective projecting lower screw heads 25, in the event of them being inadvertently moved too far outwardly of the guide way 15. The curtain rod holders 11 are prevented from being upwardly withdrawn from respective brackets 10 by the

ends of the bifurcated members 22 thereof abutting the projecting lip 28 of respective brackets.

By reason of the inherent characteristics of this improved adjustable curtain bracket, when they are mounted in pairs against a door or window frame, they may become permanent fixtures thereto.

Having thus described the invention so that those skilled in the art will be able to practice the same, what I desire to secure by Letters Patent is defined in what is claimed, it being understood that various changes in the device shown and described above in detail and not amounting to invention, may be made without departing from the spirit and scope of my invention.

What I claim is:

1. A curtain bracket comprising a sheet metal housing with a longitudinal slot formed in one of its walls, a curtain rod holder made of flat resilient material bent to form a U-shaped portion with a hook portion formed at the extending end of a leg thereof, one of the legs of the holder being disposed within the housing and the other leg with the hook portion thereon being disposed outside of the housing, pressed-out ratchet teeth formed on the slotted wall of the housing, and a struck-out projecting portion formed on the outer disposed leg of said holder for engaging cooperation with said teeth.

2. A curtain bracket comprising a housing with a longitudinal slot formed in one of its side walls and teeth formed on each side of the slot on the outer surface of said wall, a curtain rod holder made of flat resilient material bent to form a U-shaped portion with one leg thereof disposed within the housing and the other leg disposed outside of the housing, said holder having oppositely disposed recesses at the bend of the U-shaped portion, thereof for over-engaging respective side edges of the slot of the housing, said outer disposed leg of the holder having a pair of struck-out portions for engaging cooperation with said teeth.

3. A curtain bracket comprising a sheet metal housing with a longitudinal slot in one of its walls and a row of ratchet teeth formed on each side of said slot on the outer surface of said wall, and a curtain rod holder slidably mounted in the slot of said housing, said holder being made of flat resilient material which is bent to form a U-shaped portion thereon with an inverted hook portion at one end and disposed outside of the housing, said holder having a pair of struck-out parts adjacent the hook portion thereof for engaging cooperation with respective rows of said ratchet teeth.

4. A curtain bracket comprising a longitudinally slotted housing having pressed-out ratchet teeth formed on the outer surface of the housing on each side of the slot, and an adjustable curtain rod holder made of a resilient material mounted in said housing and having side disposed projecting parts for engaging cooperation with the teeth on one side thereof, and said holder having another part for sliding contact with the teeth on the other side thereof.

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