

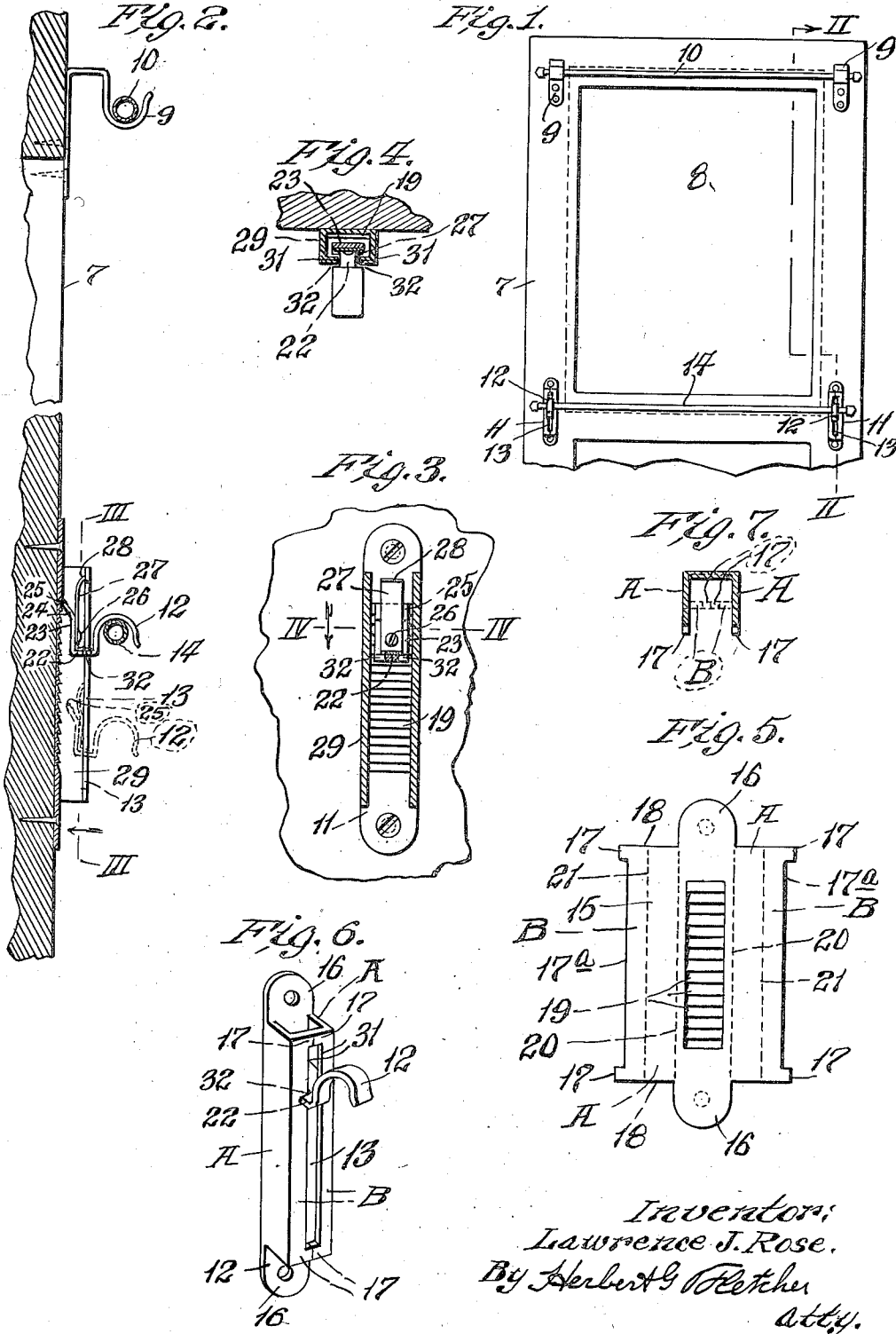
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ADJUSTABLE CURTAIN BRACKET

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ADJUSTABLE CURTAIN BRACKET

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2 Claims. (Cl. 248—265)

This invention relates to an adjustable curtain bracket which is cooperable with the lower rod of the curtain and to permit adjustment of the rod comparable with the curtain length, this being the main object of the invention.

Another object of the invention is in providing an adjustable curtain bracket of the character which is used in pairs in cooperable relation with the lower curtain rod of that type of curtains which are fixed at both their upper and lower ends and wherein adjustment thereof is required, for accommodating the curtain length, and for maintaining the curtain taut.

A further object of the invention is in providing an improved adjustable curtain bracket having automatic catching means, and with other means cooperable therewith whereby the catching means can be released for permitting upward adjustment for the curtain rod engaging element of the bracket.

A still further object of the invention is in providing an adjustable curtain bracket of an improved assembly.

Other and further objects will appear in the specification and be specifically pointed out in the appended claims, reference being had to the accompanying drawing, exemplifying the invention, and in which:—

Figure 1 is a front elevation of the upper portion of a door or the like, showing the invention applied thereto.

Figure 2 is an enlarged fragmentary vertical section having an intermediate portion broken away, taken on the line II—II of Fig. 1.

Figure 3 is an enlarged fragmentary vertical section taken approximately on the line III—III of Fig. 2.

Figure 4 is an enlarged horizontal transverse section taken approximately on the line IV—IV of Fig. 3.

Figure 5 is an elevation of a stamped-out metallic blank from which the fixed part of the curtain bracket is made.

Figure 6 is a perspective view of this improved adjustable curtain bracket.

Figure 7 is a transverse sectional view showing the folding operations required for reforming the blank, shown in Fig. 5.

Referring by numerals to the accompanying drawing, 7 designates the upper portion of a door containing a glass panel 8 which may be covered by a curtain or the like, and secured to the upper portion of the door in horizontal alinement, are a pair of brackets 9 for the support of the upper curtain rod 10. Secured to the door adjacent

the lower end of the glass panel are a pair of horizontally alining brackets 11, each having an inverted hook member 12 extending from a vertical slot 13 formed in each bracket, and under-engaging said hook members is the lower curtain rod 14.

As the brackets 11 are used in pairs in cooperable relation with the upward brackets 9, but one of the brackets 11 is here described in detail, and in this connection a pre-formed blank 15 which may be struck from a metallic sheet is provided, said blank having a pair of oppositely disposed ears 16 and oppositely disposed pairs of projections 17 at right angles to the ears 16, each pair of projections 17 being formed on a respective end 18 of the blank, with intervening cut away parts 17a therebetween and on each side of the blank.

In the stamping or striking out operation for providing the blank 15, a series of under-cut ratchet teeth 19 are formed in vertical alinement with the ears 16, and on each side of the ratchet teeth at a determined distance therefrom, is a pair of weakened lines 20 and 21, extending from end to end of the blank, paralleling each other and the ratchet teeth.

The inverted hook member 12 has a right angular portion 22 formed at one end, and upwardly extending from the portion 22 is a portion 23 having a bent end 24, the extending end of which is shaped to form a dog or pawl 25, and secured to the portion 23 by a screw 26 is a leaf spring 27 having a bent end 28.

With further regard to the pre-formed blank 15, the same is adapted to be folded to form a housing 29 for retainment of and cooperation with the hook member 12. In forming the housing 29 from the blank 15, the portion A thereof on each side of the weakened line 20 is bent to right angular position with respect to that portion of the blank in which the ratchet teeth 19 are formed, as shown in Fig. 7.

The hook member 12 with its assembled leaf spring 27 is then mounted between the right angular bent portions A of the blank, and the portions B of the blank outwardly of the weakened lines 21 are then inwardly bent towards each other until the projections 17 of each pair abut, as shown by dotted lines in Fig. 7, the cut away part 17a on the sides of the blank then forming the slot 13 through which the right angular portion 22 of the hook member 12 will extend, the edges 31 of the slot engaging in respective recesses 32 formed in said right angular portion 22, as shown in Figs. 2, 4, and 6.

The housings or brackets 29 when mounted in pairs against a door or window frame with respective hook members 12 therein, are ready for cooperation with the curtain which of course has been previously mounted on the curtain rods 10 and 14, and if the curtain is relatively long, the hook members 12 are moved downwardly in their respective housings or brackets 29 until they engage and bear against the curtain rod 14, the dog 25 of each hook member 12 snapping into and under-engaging on an adjacent tooth of the ratchet teeth 19, and being held in this position by action of respective leaf springs 28 thereon. Further downward pressing on the hook members 12 will cause the curtain to be drawn taut, if desired.

For releasing the dogs 25 from engagement with the ratchet teeth 19, it is only necessary to bear down on the hook members 12 and outwardly pull said members in somewhat of a tilting action in the manner as shown by dotted lines in Fig. 2, and by causing the respective portions 23 thereof to compress relatable leaf springs 27. Upon releasing the hook members, the leaf springs will force them back into positions wherein the respective dogs 25 thereof will engage the ratchet teeth.

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 housing having a longitudinal slot in one of its walls and a row of ratchet teeth on an opposing wall, an adjustable retaining member mounted in said housing having a ratchet at one end for cooperation with said teeth and said member having an under-curved opposite end, said member having its intermediate portion mounted in the longitudinal slot, and a leaf spring interposed between the ratchet end of said member and the slotted wall of the housing.

2. A curtain bracket having a housing made from a blank of sheet material, said blank having a longitudinal row of beveled undercut teeth formed thereon and a pair of spaced projections on each side, said blank adapted to be longitudinally folded into a rectangular shape wherein the extending end of one projection of each pair of projections will abut and form a longitudinal slot between the abutting projections, a curtain rod retaining member movably mounted in said housing and having a dog at one end for cooperation with said teeth, said retaining member having a hook shaped portion extending through the slot of the housing, and a leaf spring carried by said retaining member and having its extending end bearing against an inner face of the housing on each side of a longitudinal slot thereof.

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