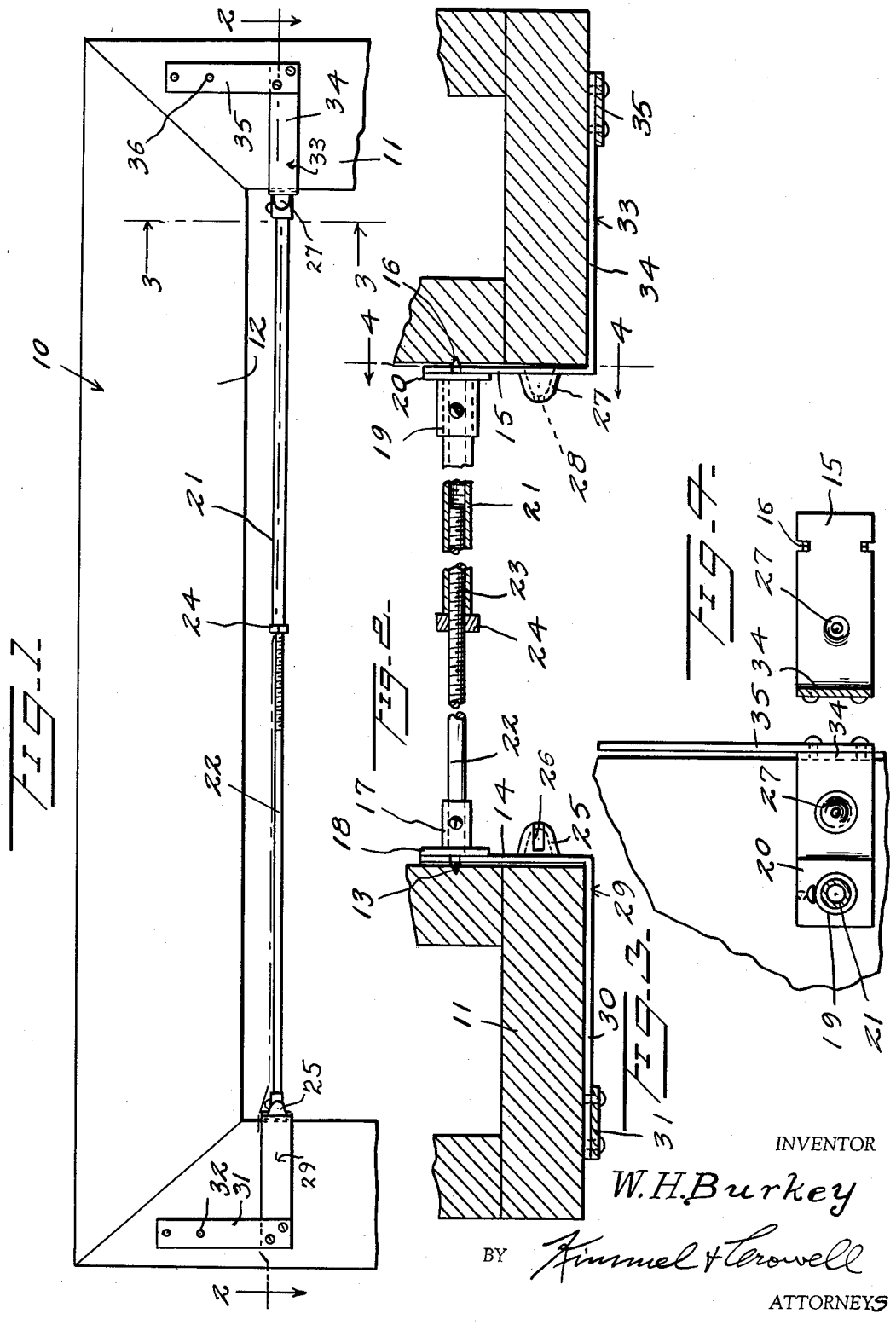
Dec. 6, 1955 W. H. BURKEY 2,725,989

SHADE AND VENETIAN BLIND SUPPORT

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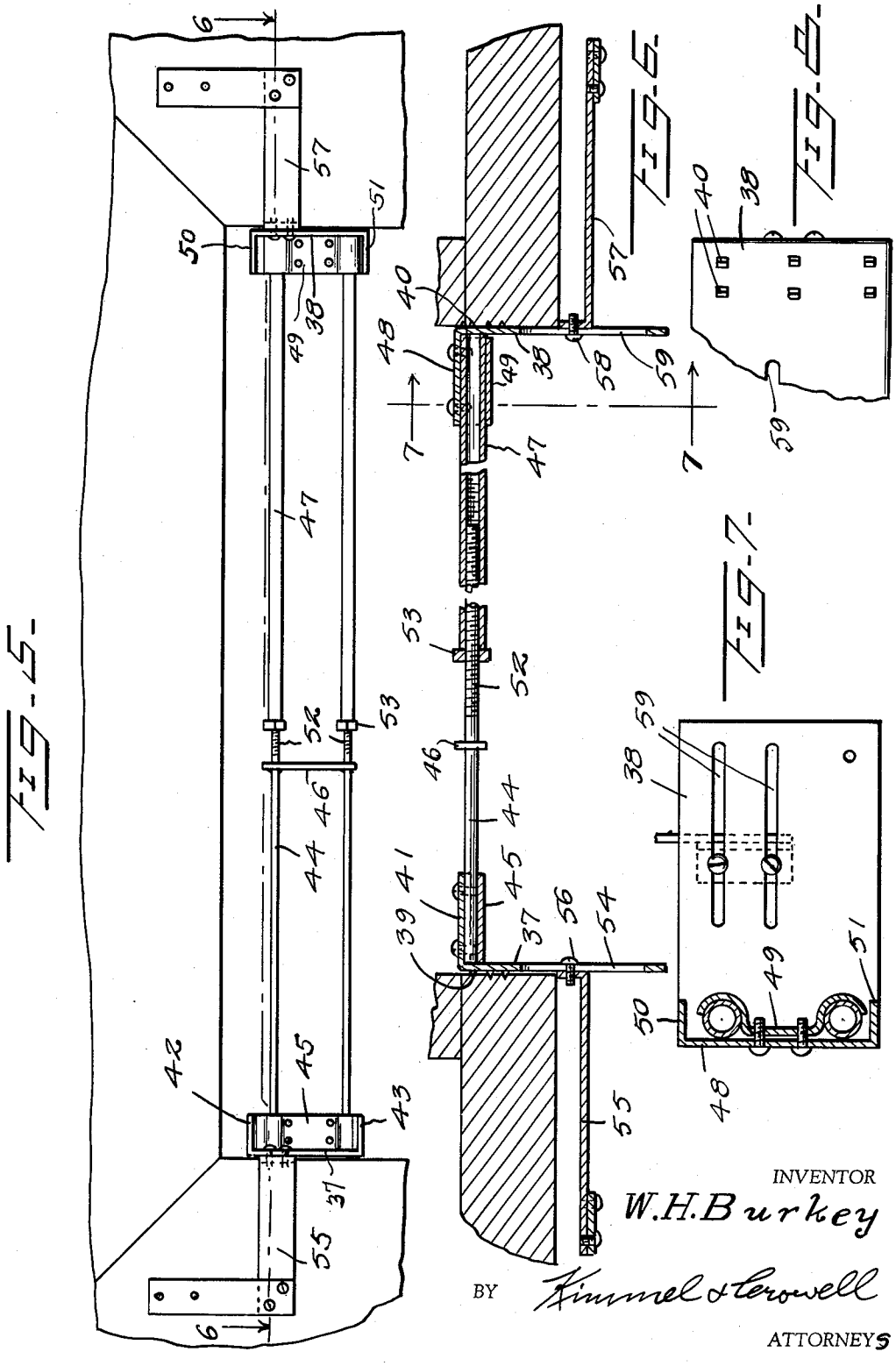


INVENTOR
W. H. Burkey
BY Kimmel & Crowell
ATTORNEYS

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SHADE AND VENETIAN BLIND SUPPORT

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SHADE AND VENETIAN BLIND SUPPORT

Walter H. Burkey, Quarryville, Pa.

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1 Claim. (Cl. 211—105.4)

This invention relates to a bracket or support for shades and Venetian blinds.

An object of this invention is to provide a bracket structure which may be mounted in a window, door frame, or other opening without the use of screws or other fastening means.

Another object of this invention is to provide a shade bracket adapted to be clamped within a window frame by an adjustable clamping means, the assembly including an outer bracket for attaching a drape supporting means thereto.

In a modified form of this invention, there is disclosed a bracket structure designed for use in supporting a Venetian blind structure, including supporting means for drapes at the opposite ends of the Venetian blind.

A further object of this invention is to provide a bracket structure which is simple in construction and can be easily and quickly mounted and removed.

With the above and other objects in view, my invention consists in the arrangement, combination and details of construction disclosed in the drawings and specification, and then more particularly pointed out in the appended claim.

In the drawings—

Figure 1 is a detailed inner side elevation of a shade bracket constructed according to an embodiment of this invention,

Figure 2 is a sectional view, partly broken away, taken on the line 2—2 of Figure 1,

Figure 3 is a fragmentary sectional view taken on the line 3—3 of Figure 1,

Figure 4 is a sectional view taken on the line 4—4 of Figure 2,

Figure 5 is an inner side elevation of a modified form of bracket structure,

Figure 6 is a sectional view, partly broken away, taken on the line 6—6 of Figure 5,

Figure 7 is a sectional view taken on the line 7—7 of Figure 6,

Figure 8 is a fragmentary end elevation of one of the clamping plates.

Referring to the drawings and first to Figures 1 to 4 inclusive, the numeral 10 designates generally a window frame structure having vertical side members 11, and a top member 12. In order to provide a means whereby a shade may be supported between the side members 11 of the frame 10 without securing the shade brackets to the frame 10 by means of screws, nails or the like as is conventional, I have provided a shade supporting means which includes a pair of clamping plates 14 and 15 which are adapted to bear against the inner sides of the side members 11 adjacent the top member 12.

Plate 14 is provided with a plurality of outwardly projecting tangs 13 which are adapted to bite into the confronting side of the side members 11, and plate member 15 is provided with a plurality of tangs 16 adapted

to bite into the adjacent or confronting face of an adjacent side member 11.

Plate 14 has fixed to the inner side thereof a tubular socket 17 having a base 18 which is fixed in any suitable manner to the inner side of the plate 14. A second tubular socket 19 having a base 20 is fixed to the inner side of plate 15. An elongated tubular member 21 is fixed at one end within socket member 19, and an elongated rod 22 is fixed at one end within socket member 17. Rod 22 telescopes into tubular member 21 and is provided with threads 23 on which a pressure applying nut 24 is threaded. The nut 24 is adapted to bear against the adjacent inner end of tubular member 21 so as to force the tubular member 21 and the rod 22 outwardly and thereby tightly clamp the plates 14 and 15 against the inner or confronting faces of the side members 11 of frame 10.

Plate 14 has struck inwardly therefrom a socket member 25 having a slot 26 for receiving the flat spring winding shaft of a shade, and plate 15 has struck inwardly therefrom a socket member 27 having an opening 28 within which the pivot pin of a shade is adapted to rotatably engage. An L-shaped drape supporting bracket 29 extends from the inner end of plate 14 and is formed with a horizontally and outwardly projecting side 30 which extends right angularly from plate 14 and confronts the adjacent inner face of a side member 11. An upwardly projecting vertical side 31 extends from the horizontal side 30 and is provided wtih spaced openings 32 for receiving drape supports. A second drape supporting member 33 of L-shape extends right angularly from plate 15 and is formed with a horizontal side 34 and a vertical side 35. Vertical side 35 is provided with spaced openings 36 for receiving conventional drape supporting means.

Referring now to Figures 5 to 8 inclusive, there is disclosed a Venetian blind bracket structure which includes a pair of plates 37 and 38. The plates 37 and 38 are provided with outwardly projecting tangs 39 and 40 respectively, which are adapted to bite into the confronting faces of the window frame. Plate 37 has extending right angularly therefrom a flange 41, and flange 41 includes upper and lower bracing flanges 42 and 43 respectively.

A pair of elongated parallel rods 44 are secured by fastening means 45 to flange 41, and the rods 44 have fixed therebetween a spacer 46. A pair of tubular members 47 are fixed to an inwardly projecting flange 48 formed integral with plate 38, the tubular members 47 being fixed to flange 48 by means of a clamping plate 49.

Plate 38 is provided with upper and lower reinforcing flanges 50 and 51 respectively. The two rods 44 are provided with threads 52 and a nut 53 is threaded on each rod 44 and is adapted to bear against the adjacent inner ends of the tubular members 47. Tubular members 47 telescope over the rods 52 so that outward threading of the nuts 53 will provide a clamping pressure by means of which the plates 37 and 38 will be tightly held against the confronting faces of the window frame.

Plate 37 is provided with a pair of elongated horizontally disposed slots 54, and an L-shaped drape supporting member 55 is secured to plate 37 by fastening means 56 which engage through the slots 54. A second L-shaped drape supporting member 57 is secured by fastening means 58 in a pair of horizontal slots 59 which are formed in plate 38. The slots 54 and 59 not only provide means for securing the drape supporting members 55 and 57 to the plates 37 and 38, but the slots 54 and 59 also provide means whereby the end fixtures of Venetian blinds may be attached to plates 37 and 38.

In the use of the bracket structure shown in Figures

1 to 4 inclusive, the bracket structure is secured within the window frame **10** by partially collapsing the bracket structure so that the plates **14** and **15** loosely engage between the side members **11** of the frame **10**. Nut **24** is then threaded outwardly on rod **22** so that plates **14** and **15** will be tightly pressed against the side members **11** of the window frame with tangs **13** and **16** biting into the side members **11**. The drape supporting bracket members **29** and **33** are disposed closely adjacent the inner faces of the side members **11**, as shown in Figure 2.

The bracket structure shown in Figures 5 to 8 is applied to the window frame in the same manner as the bracket structure shown in Figures 1 to 4 inclusive.

The bracket structures herein disclosed may be used for supporting shades, Venetian blinds, drapes, and any other desired material or articles in either window or door frames, china closets or the like.

I do not mean to confine myself to the exact details of construction herein disclosed, but claim all variations falling within the purview of the appended claim.

What I claim is:

A bracket structure comprising a pair of clamping plates each having drape supporting means connected therewith, tangs carried by and projecting from the outer faces of said plates, a pair of parallel tubes extending from one of said plates, a clamping member securing one end of each tube to said one of said plates, said clamping member having a flat central portion and a hook-shaped portion at each end, means securing the member to the clamping plate, a pair of parallel rods telescoped into said tubes, a second clamping member having means to connect the rods to the other of said clamping plates, a spacer bar fixed between said rods, and nuts threaded onto said rods bearing against the adjacent ends of said tubes.

References Cited in the file of this patent

UNITED STATES PATENTS

1,253,368	Furthmiller	Jan. 15, 1918
1,280,053	Loeffler	Sept. 24, 1918
1,299,993	Nahas	Apr. 8, 1919
1,303,812	Anderson	May 13, 1919
1,508,158	Bower	Sept. 9, 1924
1,591,838	Kaibas	July 6, 1926
2,234,099	Westfall et al.	Mar. 4, 1941
2,474,434	Mentz	June 28, 1949
2,509,521	Pegram	May 30, 1950

FOREIGN PATENTS

73,548	Switzerland	May 3, 1916