United States Patent [19]

Belli

[11] **3,907,240**

[45] **Sept. 23, 1975**

[54] **MULTI-POSE SHADE, BLIND AND CURTAIN SUPPORT SYSTEM**

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[22] Filed: **Oct. 24, 1974**

[21] Appl. No.: **517,593**

[52] **U.S. Cl.** **248/254;** 248/264; 248/268

[51] **Int. Cl.²** **A47H 1/14**

[58] **Field of Search** 248/254, 252, 255, 256, 248/257, 258, 259, 260, 253, 264, 268

[56] **References Cited**

UNITED STATES PATENTS

572,594	12/1896	Baumgartner	248/259
1,299,993	4/1919	Nahas	248/268 X
2,508,737	5/1950	Zeto	248/264 X
2,551,432	5/1951	Goodman	248/264
2,703,693	3/1955	Cropanese	248/255
2,899,166	8/1959	Pigliavento	248/263

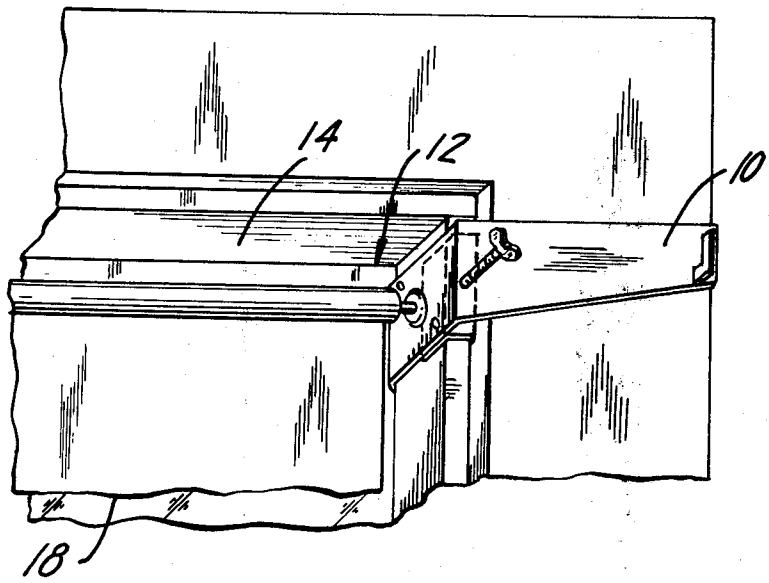
Primary Examiner—J. Franklin Foss
Attorney, Agent, or Firm—Mel K. Silverman, Esq.

[57] **ABSTRACT**

The present invention discloses a two-piece window bracket system, having additional intermediate pieces which are utilized in association with double windows, intended for placement within the left and right upper corners of a window jamb in order to serve as a universal window accessory support system capable of securing, either individually or together, a window shade, a venetian blind, or curtains and their associated curtain rods.

The present invention is particularly adapted for manual detachable securement to the stops of a window jamb.

2 Claims, 8 Drawing Figures



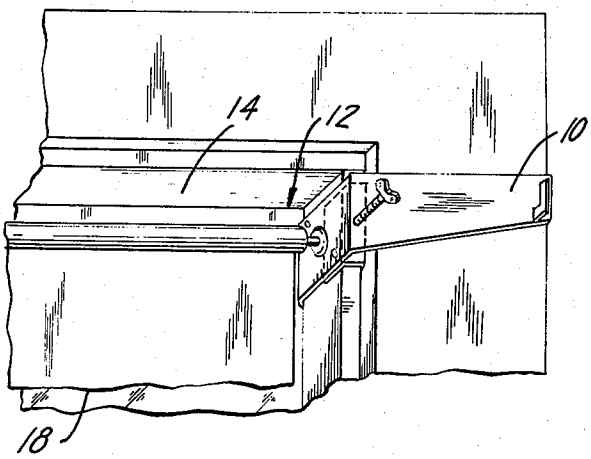


FIG. 1

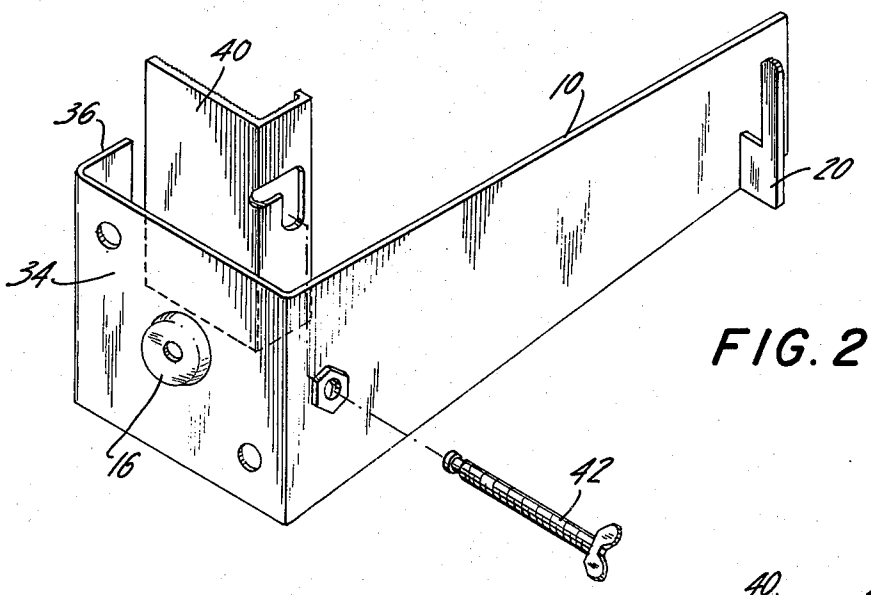


FIG. 2

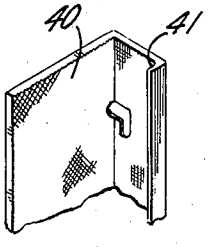


FIG. 3

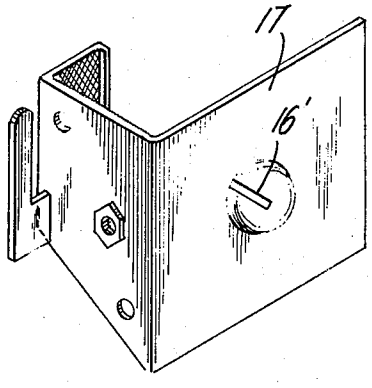


FIG. 4

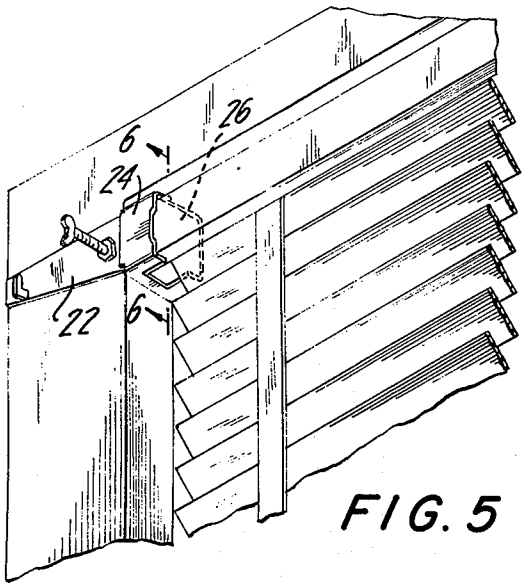


FIG. 5

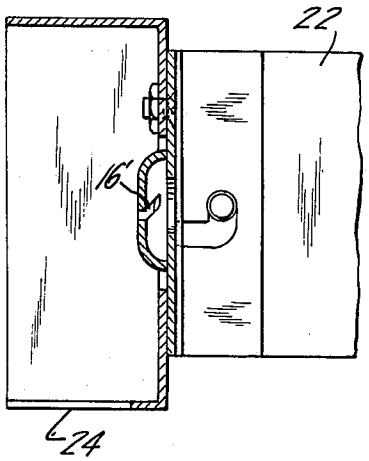


FIG. 6

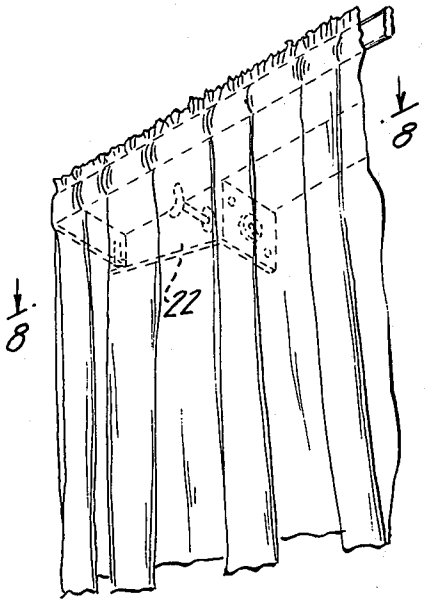
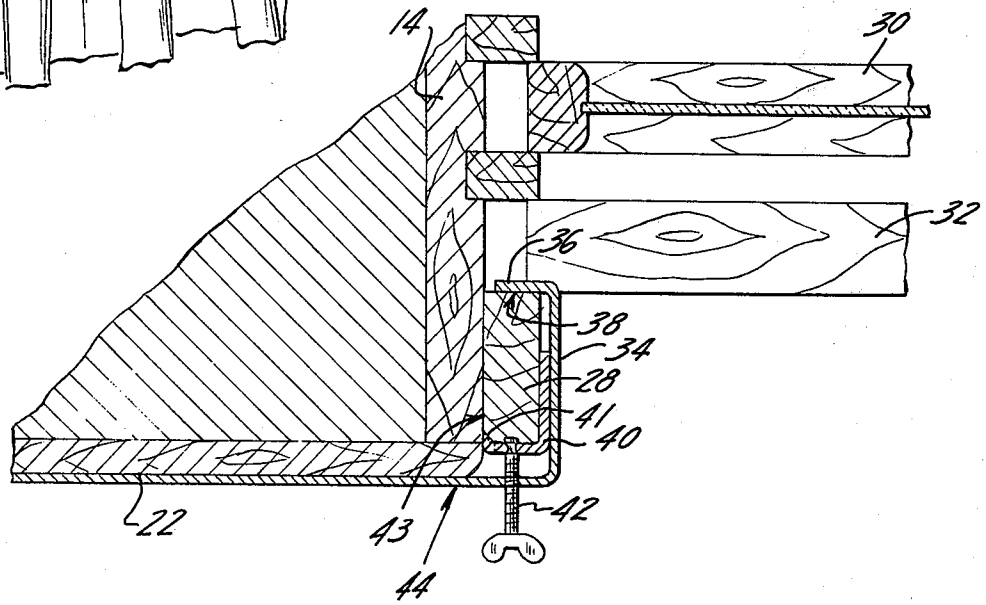


FIG. 7

FIG. 8



MULTI-POSE SHADE, BLIND AND CURTAIN SUPPORT SYSTEM

BACKGROUND OF THE INVENTION

The instant invention relates to support brackets and, more particularly, those brackets adapted for mounting upon opposing walls of a window jamb.

Exemplary efforts within the prior art include such patents as those to Zeto, U.S. Pat. No. 2,508,737 (1950) and Burns, U.S. Pat. No. 2,579,788 (1951). These patents, and others of their class, are directed to various combination brackets that may be utilized to support various residential window accessories. However, a shortcoming within the prior art has been the necessity for a handyman or carpenter to permanently nail or screw each of the prior combination brackets into the window jamb. Accordingly, it has not been possible for a person unskilled in such areas, for example, a housewife, to secure a combination bracket to a window without the need for outside assistance. Accordingly, the present invention is intended as a solution to this problem in the prior art.

SUMMARY OF THE INVENTION

It is an object of the present invention to provide a multi-purpose window bracket which may be manually attached (or detached) from a window by an unskilled individual, without the need for nails or screws which would otherwise impair the appearance of the window when such a bracket is removed.

A further object of the present invention is to provide a universal window accessory bracket capable of simultaneously supporting a window shade, a venetian blind head, and a curtain rod with its associated curtains or drapes.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a perspective view of a right-hand single window bracket affixed to the stop of a window jamb, in which said bracket is shown in association with a window shade.

FIG. 2 is an enlarged perspective view of a right-hand single window shade in association with its stop-holding element.

FIG. 3 is a partial break-away view of the stop-holding element.

FIG. 4 is a perspective view of a right-hand mullium element which is utilized in association with a double window.

FIG. 5 is a perspective view of a left-hand single-window bracket shown in association with a venetian blind.

FIG. 6 is a cross-sectional view, taken along lines 6—6 of FIG. 5, of a left-hand single window bracket.

FIG. 7 is a perspective view of a left-hand single window bracket shown in association with a curtain and curtain rod.

FIG. 8 is a cross-sectional view, taken along line 8—8 of FIG. 7, showing the relationship between the stop-holding element, the bracket proper, and the window stop.

DETAILED DESCRIPTION OF THE INVENTION

Shown in FIG. 1 is a right-hand single window bracket **10**, secured in the upper right hand corner **12** of a window jamb **14**.

Said bracket includes a means **16** for the securement of the right hand end of the axial support member of a window shade roller **18**. (See FIGS. **1** and **2**.) Said means **16** will generally appear as a circular projection having a small centrally located opening therein.

A left hand single window bracket **22** (See FIG. **5**) is symmetrical to said right hand bracket **10** with the exception only of said means **16** which, as indicated on a mullium bracket **17** of FIG. **4** (to be later described) as **16'**, comprises a slot set within a circular projection.

Shown in FIG. **2** is a means **20** for the securement of one end of a curtain rod. Such a securement means, shown on the left hand bracket **22**, appears in FIG. **7**.

The cross-sectional view of FIG. **6** illustrates a means **24** for the securement of one end of a venetian blind head **26**.

The right and left brackets **10** and **22** respectively are detachably secured to the respective right and left window stops **28** (See FIG. **8**) of the window jamb **14**. The stops **28** are disposed inwardly of the top and bottom window sashes **30** and **32** respectively.

The detachable securement of the brackets **10** and **22** is obtained through the employment of a U-shaped member **34** having a flange **36** which is placed against a back edge **38** of the window stop **28**. The said stop **28** is transverse to the plane of the window jamb **14**. (Also, see FIG. **2**).

Concommitantly with the use of the member **34**, an L-shaped member **40** (See FIG. **3**) is placed against the opposite side of the stop **28**. It is to be noted that sharpened edge **41** of said member **40** is pressed into the crack **43** which defines the separation between the stop **28** and the jamb **14**. This serves to hold the member **40** in its proper position.

A threaded bolt **42** (See FIGS. **2** and **8**) serves to connect member **40** with area **44** of bracket **22**. Area **44** comprises a part of the U-shaped bracket **34**. By manually turning the threaded bolt **42**, member **40** is forced away from area **44** and pressed toward the flange **36**, thereby securedly clamping the complete window accessory support system to the stop **28**. Hence, the bracket **22**, and its corresponding right hand bracket **10**, may be easily affixed to a window jamb without the use of nails, screws or other permanent securement means. Resultingly, the brackets **10** and **22** may be readily installed by any unskilled person, for example, a housewife, without the need for outside assistance and, also, without damaging the appearance of the stops of a window jamb.

Shown in FIG. **4** is a left hand mullium element **17**. Such mullium elements are intended for use in association with double windows.

The mullium elements differ from the left and right hand brackets **10** and **22** only in that they are not equipped with the Venetian blind holding element **24** (which is shown in FIG. **6**). Accordingly, it is to be appreciated that brackets **10** and **22** need not necessarily have the same distance of separation between elements **20** and **42** that is shown in FIG. **2**.

It is to be noted that the present brackets may be provided with appropriate ornamental surfacing in order to enhance their visual and, therefore, customer appeal.

It is thus seen that the objects enumerated in the Summary of the Invention have been efficiently obtained by the above described embodiments of the present invention. While there have been herein shown

and described the preferred embodiments of the present invention, it will be understood that the invention may be embodied otherwise than as herein specifically illustrated or described and that within said embodiments certain changes in the detail of construction, and the form and arrangement of the parts may be made without departing from the underlying idea or principles of this invention within the scope of the appended claims.

Having thus described my invention, what I claim as new, useful, and non-obvious, and accordingly, secure by Letters Patent of the U.S. is:

1. A multi-purpose shade, blind and curtain support system for windows, comprising:

a. a right-hand, single window bracket having means for securement within the upper right-hand corner of a window jamb, said bracket comprising:

i. means for securement of the right-hand end of the axial support member of a window shade roller;

ii. means for securement of the right-hand end of a Venetian blind head; and

iii. means for securement of the right-hand end of a curtain rod; and

b. a left-hand single window bracket having means for securement within the upper left hand corner of a window jamb, said bracket comprising:

i. means for securement of the left-hand end of the axial support member of a window shade roller;

ii. means for securement of the left-hand end of a Venetian blind head; and

iii. means for securement of the left-hand end of a curtain rod,

wherein said means for securement within said upper right and left corners of a window jamb comprise the combination of:

i. a U-shaped member having one flange for placement against a first edge of a window stop, said first edge being transverse to the plane of the window jamb;

ii. an L-shaped member having one flange for placement against a second edge of said window stop, said second edge being parallel to said first edge, said L-shaped member comprising means for movement relative to each of said left- and right-hand brackets, wherein said movement means comprises a threaded bolt extending through both said L-shaped member and each of said brackets, wherein said bolt may be manually turned in order to secure each of said brackets to the window stops of a window jamb; and

iii. means for mutually clamping said U- and L-shaped members against each window stop in order to secure the entire support system to the inside of the window jamb,

whereby said means for securement permits the ready manual detachable securement of the present support system to the window stops of a window jamb.

2. The support system as recited in claim **1** in which said system, when utilized in association with a double window structure, further comprises:

c. a left-hand mullium bracket having means for securement to the left-hand window stop of a window jamb, and disposed opposite, within each single window of said double window structure, to the disposition of said right-hand single window bracket, comprising:

i. means for securement of the left-hand end of the axial support member of a window shade roller; and

ii. means for securement of the left-hand end of the curtain rod, and

d. a right-hand mullium bracket having means for securement to the right-hand window stop of a window jamb, and disposed opposite, within each single window of said double window structure, to the disposition of said left-hand single window bracket, comprising:

i. means for securement of the right-hand end of the axial support member of a window shade roller; and

ii. means for securement of the right-hand end of a curtain rod.

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