Dec. 15, 1925. 1,565,734

B. B. GREENHUT

SUPPORTING BRACKET FOR CURTAINS, DRAPERIES, AND THE LIKE

Filed May 9, 1925

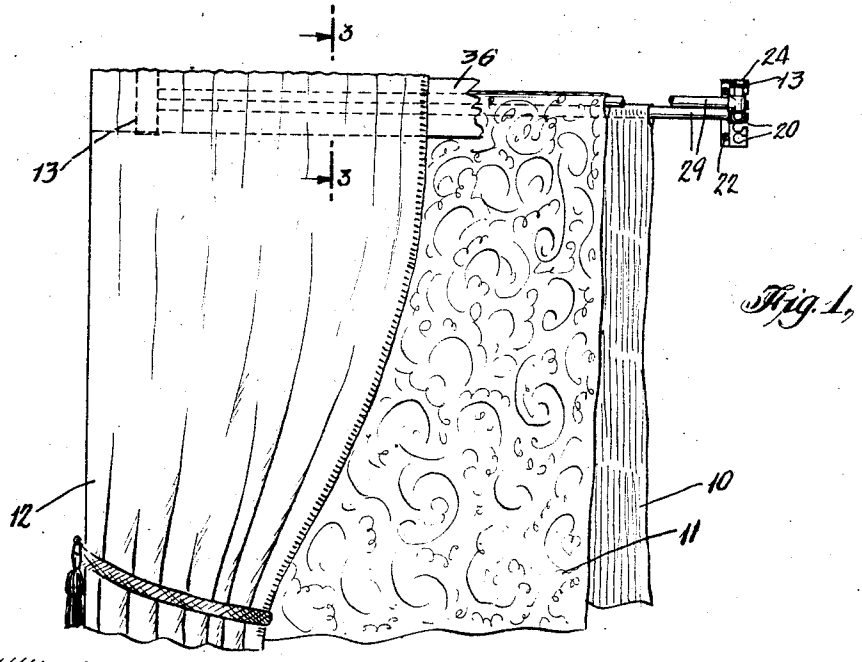


Fig. 1,

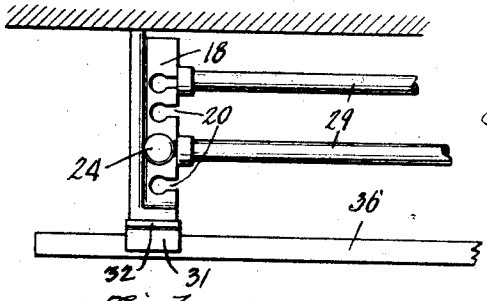


Fig. 2,

Fig. 5,

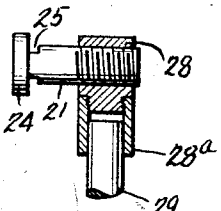


Fig. 3,

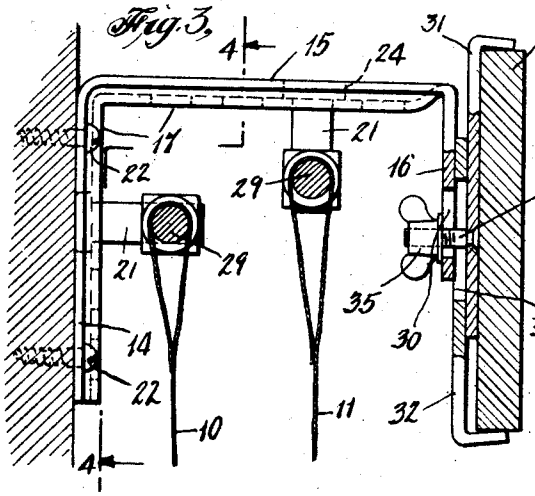


Fig. 4,

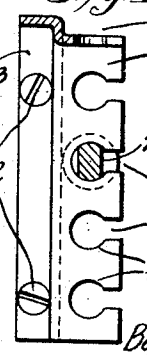
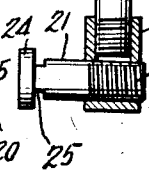


Fig. 6,



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UNITED STATES PATENT OFFICE.

BENJAMIN B. GREENHUT, OF ASTORIA, NEW YORK, ASSIGNOR OF ONE-THIRD TO DAVID D. GRUNHUT AND ONE-THIRD TO ABRAHAM S. GREENHUT, BOTH OF NEW YORK, N. Y.

SUPPORTING BRACKET FOR CURTAINS, DRAPERIES, AND THE LIKE.

Application filed May 9, 1925. Serial No. 29,021.

To all whom it may concern:

Be it known that I, BENJAMIN B. GREENHUT, a citizen of the United States, and residing at Astoria, in the county of Queens and State of New York, have invented certain new and useful Improvements in Supporting Brackets for Curtains, Draperies, and the like, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to supporting brackets adapted for use in connection with curtain poles, rods, valance supports and the like; and the object of the invention is to provide a device of the class specified which is so constructed as to permit of the adjustable supporting of poles, rods and other supports in connection therewith to facilitate the proper hanging of curtains, draperies and similar window decorations; a further object being to provide means on the end portions of the curtain poles or rods for detachably coupling the same with said devices and for locking the same in connection with said devices against accidental displacement; and with these and other objects in view, the invention consists in a device of the class and for the purpose specified, which is simple in construction, efficient in use, and which is constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which:—

Fig. 1 is a face view of two of the devices which I employ, illustrating the method of their use and part of the construction being broken away and in section.

Fig. 2 is a plan view of a bracket made according to my invention and illustrating the method of its use, parts of the construction being broken away.

Fig. 3 is a partial sectional view on the line 3—3 of Fig. 1 and on an enlarged scale.

Fig. 4 is a partial section on the line 4—4 of Fig. 3.

Fig. 5 is a sectional detail view of one end portion of a curtain rod; and,

Fig. 6 is a sectional detail view of the other end portion of said rod.

In Fig. 1 of the drawing, I have shown for the purpose of illustrating one use of my invention, two curtains or draperies 10 and 11 and a valance or drapery 12 supported by my improved brackets or supporting devices and the rods or other supports employed; and at 13 in Fig. 1 of the drawing, I have illustrated one of my improved brackets in full lines, and another bracket 13 is indicated in dotted lines. These brackets are both of identical construction, and in Figs. 2, 3 and 4 of the drawing I have shown one of these brackets in detail. The bracket 13 consists of a substantially U-shaped body preferably fashioned from sheet metal and comprises a back wall member 14 and top arm member 15 arranged at right angles to the member 14 and a depending face member 16. The side edge portions 17 of the members 14 and 15 are offset outwardly and downwardly respectively to form recesses 18 on their inner and upper faces as clearly seen in Fig. 4 of the drawing and the side edge portions 17 are provided with key-holed apertures 19 opening through the free edges of said side portions as seen at 20 whereby coupling pins 21 may be locked into engagement with the brackets or devices 13 or the side portions 17 thereof. Screws or other attaching devices 22 are passed through the other side portion 23 of the member 14 of the device and into a suitable support for retaining the devices 13 in position.

The coupling members 21 are provided at one end with enlarged heads 24 adapted to enter the recesses 18 and with reduced neck portions 25 adapted to be passed through the openings 20 of the apertures 19 in placing the members 21 in said apertures and in locking the same in engagement with the devices 13. The outer ends of said members 21 are threaded as shown at 26 and curtain pole or rod couplings 27 and 28 are adapted to be mounted on the threaded ends 26 of the members 21 whereby rods or poles 29 may be mounted in connection with the devices 13. One end of the rod or pole 29 is threaded into the coupling 27 while the other end of the rod or pole is held in engagement with the coupling 28 by means of an independent sleeve part 28^a constituting part of said coupling. It will be understood that the coupling members 21 will be of standard

size regardless of the size or dimensions of the rods or poles employed, the couplings 27 and 28 being constructed to suit the rod size and the standard size of the members 21 and said members may be inserted into any one of the number of apertures 19 employed on the member 14 and member 15 of the supporting devices. In inserting the members 21 into the apertures 19, the narrow portion of the reduced necks 25 are passed through the openings of said apertures, and when the member is inserted into the aperture, the same is rotated into a right angle position as seen in section in Fig. 4 of the drawing to locate the member 21 against displacement from the supporting device 13 as will be apparent.

The member 15 where it joins the depending face member 16 is flattened out to relieve the offset side portion 17 and to form of said member 16 a flat depending plate which is provided with an elongated, vertically arranged aperture 30. Employed in connection with the member 16 are two L-shaped clamp plates 31 and 32 and a bolt or stud 33 is fixedly secured to the plate 31 and extends through an elongated aperture 34 in the plate 32 and through the aperture 30 in the member 16 and a winged nut 35 is mounted on said bolt 33 and serves to clamp the parts 16, 31 and 32 together in different positions of adjustment. The parts 31 and 32 serve as means for securing a valance supporting member 26 in connection with the bracket devices 13 and the adjustments of the parts 31 and 32 relatively to each other and relatively to the member 16 is to compensate for the different sizes or vertical dimensions of the supports 36 and also for regulating the heighth of said supports with reference to the devices 13, this construction being clearly shown in Fig. 3 of the drawing.

With my improved construction, two or more curtain poles, rods or the like may be mounted in connection with the members 14 and 15 and so positioned thereon as to properly support curtains, draperies or the like in relative positions, and it will be also understood that a valance support 36 of predetermined size may be adjustably supported in connection with the devices 13 and retained in positions of adjustment by the winged nuts 35. It will be apparent from the construction herein set out that but a single stamping is necessary in the formation of the devices 13, the offset side portions 17 thereof being directed to the right in both brackets of a pair used in supporting rods and the like, and when the poles are locked in position, the same cannot be accidentally displaced. However, by rotating the members 21 in the separate devices 13, the entire pole may be removed from said devices with the curtains or draperies thereon or the members 21 may be left in locked position and the poles removed through the detachable sleeve part 28ª of the coupling 28, it being also understood that the valance support 36 may be removed by simply loosening the winged nuts 35.

It will also be apparent that I am not necessarily limited to the use of the couplings 27 and 28, nor to the use of any specific pole or rod construction, and various changes in and modifications of the construction herein set out may be made within the scope of the appended claims without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention what I claim as new and desire to secure by Letters Patent, is:—

1. A device of the class described comprising a back plate and top plate and a front plate, all of unitary construction, said back plate and top plate being offset to form a continuous recess through said plates, and said plates having apertures opening outwardly through one side edge thereof and into said recesses, the inner ends of said apertures being enlarged, and coupling members adapted to be mounted in said apertures and retained against displacement from said plates, said coupling members having heads which enter the recess in said plates.

2. A device of the class described comprising a back plate and top plate and a front plate, all of unitary construction, said back plate and top plate being offset to form a continuous recess throug said plates, and said plates having apertures opening outwardly through one side edge thereof and into said recesses, the inner ends of said apertures being enlarged, coupling members adapted to be mounted in said apertures and retained against displacement from said plates, said coupling members having heads which enter the recess in said plates, and means for detachably securing rods in connection with said coupling members.

3. A device of the class described comprising a back plate and top plate and a front plate, all of unitary construction, said back plate and top plate being offset to form a continuous recess through said plates, said plates having apertures opening outwardly through one side edge thereof and in said recesses, the inner ends of said apertures being enlarged, coupling members adapted to be mounted in said apertures and retained against displacement from said plates, said coupling members having heads which enter the recess in said plates, means for detachably securing rods in connection with said coupling members, and a plurality of clamps detachably and adjustably mounted in connection with said front plate.

4. A device of the class described com-

prising a back plate and top plate and a front plate, all of unitary construction, said back plate and top plate being offset to form a continuous recess through said plates, said plates having apertures opening outwardly through one side edge thereof and in said recesses, the inner ends of said apertures being enlarged, coupling members adapted to be mounted in said apertures and retained against displacement from said plates, said coupling members having heads which enter the recess in said plates, means for detachably securing rods in connection with said coupling members, a plurality of clamps detachably and adjustably mounted in connection with said front plate, and means for fixedly supporting said clamp members in predetermined positions of adjustment.

5. A device of the class described comprising a back plate and top plate and a front plate, all of unitary construction, said back plate and top plate being offset to form a continuous recess through said plates, said plates having apertures opening outwardly through one side edge thereof and in said recesses, the inner ends of said apertures being enlarged, coupling members adapted to be mounted in said apertures and retained against displacement from said plates, said coupling members having heads which enter the recess in said plates, means for detachably securing rods in connection with said coupling members, a plurality of clamps detachably and adjustably mounted in connection with said front plate, means for fixedly supporting said clamp members in predetermined positions of adjustment, and said clamp members being adapted to secure a valance supporting device in connection with said front plate.

6. A bracket device of the class described comprising a back plate and a top plate, one side edge portion of both of said plates being offset in the plane of the plate to form a recess at the rear of the back plate and the top of the top plate, and the offset edge portion of said plates being provided with spaced apertures opening outwardly therethrough.

7. A bracket device of the class described comprising a back plate and a top plate, one side edge portion of both of said plates being offset in the plane of the plate to form a recess at the rear of the back plate and the top of the top plate, the offset edge portion of said plates being provided with apertures opening outwardly therethrough, said apertures being equally spaced on said plates, and the inner end portions thereof being enlarged.

8. A bracket device of the class described comprising a back plate and a top plate, one side edge portion of both of said plates being offset in the plane of the plate to form a recess at the rear of the back plate and the top of the top plate, the offset edge portion of said plates being provided with apertures opening outwardly therethrough, said apertures being equally spaced on said plates, the inner end portions thereof being enlarged, and a coupling member adapted to be detachably mounted in connection with the top and bottom plates, said member being passed into the enlarged portions of said apertures and rotated to lock the same against displacement from said plates.

9. A bracket device of the class described comprising a back plate and a top plate, one side edge portion of both of said plates being offset in the plane of the plate to form a recess at the rear of the back plate and the top of the top plate, the offset edge portion of said plates being provided with apertures opening outwardly therethrough, said apertures being equally spaced on said plates, the inner end portions thereof being enlarged, a coupling member adapted to be detachably mounted in connection with the top and bottom plates, said member being passed into the enlarged portions of said apertures and rotated to lock the same against displacement from said plates, and means for detachably securing a rod or the like with said coupling member.

10. A bracket device of the class described comprising a back plate and a top plate, one side edge portion of both of said plates being offset in the plane of the plate to form a recess at the rear of the back plate and the top of the top plate, the offset edge portion of said plates being provided with apertures opening outwardly therethrough, said apertures being equally spaced on said plates, the inner end portions thereof being enlarged, a coupling member adapted to be detachably mounted in connection with the top and bottom plates, said member being passed into the enlarged portions of said apertures and rotated to lock the same against displacement from said plates, means for detachably securing a rod or the like with said coupling member, and means adjustably mounted in connection with said bracket for securing a valance support in connection therewith.

11. A bracket device of the class described comprising a back plate and a top plate, one side edge portion of both of said plates being offset in the plane of the plate to form a recess at the rear of the back plate and the top of the top plate, the offset edge portion of said plates being provided with apertures opening outwardly therethrough, said apertures being equally spaced on said plates, the inner end portions thereof being enlarged, a coupling member adapted to be detachably mounted in connection with the top and bottom plates, said member being passed into the enlarged portions of said apertures and rotated to lock the same

against displacement from said plates, means for detachably securing a rod or the like with said coupling member, and means adjustably mounted in connection with said bracket for securing a valance support in connection therewith, said last named means being detachable from said bracket.

12. A bracket device of the class described comprising a back plate and a top plate, one side edge portion of both of said plates being offset in the plane of the plate to form a recess at the rear of the back plate and the top of the top plate, the offset edge portion of said plates being provided with apertures opening outwardly therethrough, said apertures being equally spaced on said plates, the inner end portions thereof being enlarged, a coupling member adapted to be detachably mounted in connection with the top and bottom plates, said member being passed into the enlarged portions of said apertures and rotated to lock the same against displacement from said plates, means for detachably securing a rod or the like with said coupling member, means adjustably mounted in connection with said bracket for securing a valance support in connection therewith, said last named means being detachable from said bracket, and said back plate being apertured to permit the passage of attaching devices therethrough for securing the bracket in connection with a suitable support.

In testimony that I claim the foregoing as my invention I have signed my name this 6th day of April 1925.

BENJAMIN B. GREENHUT.