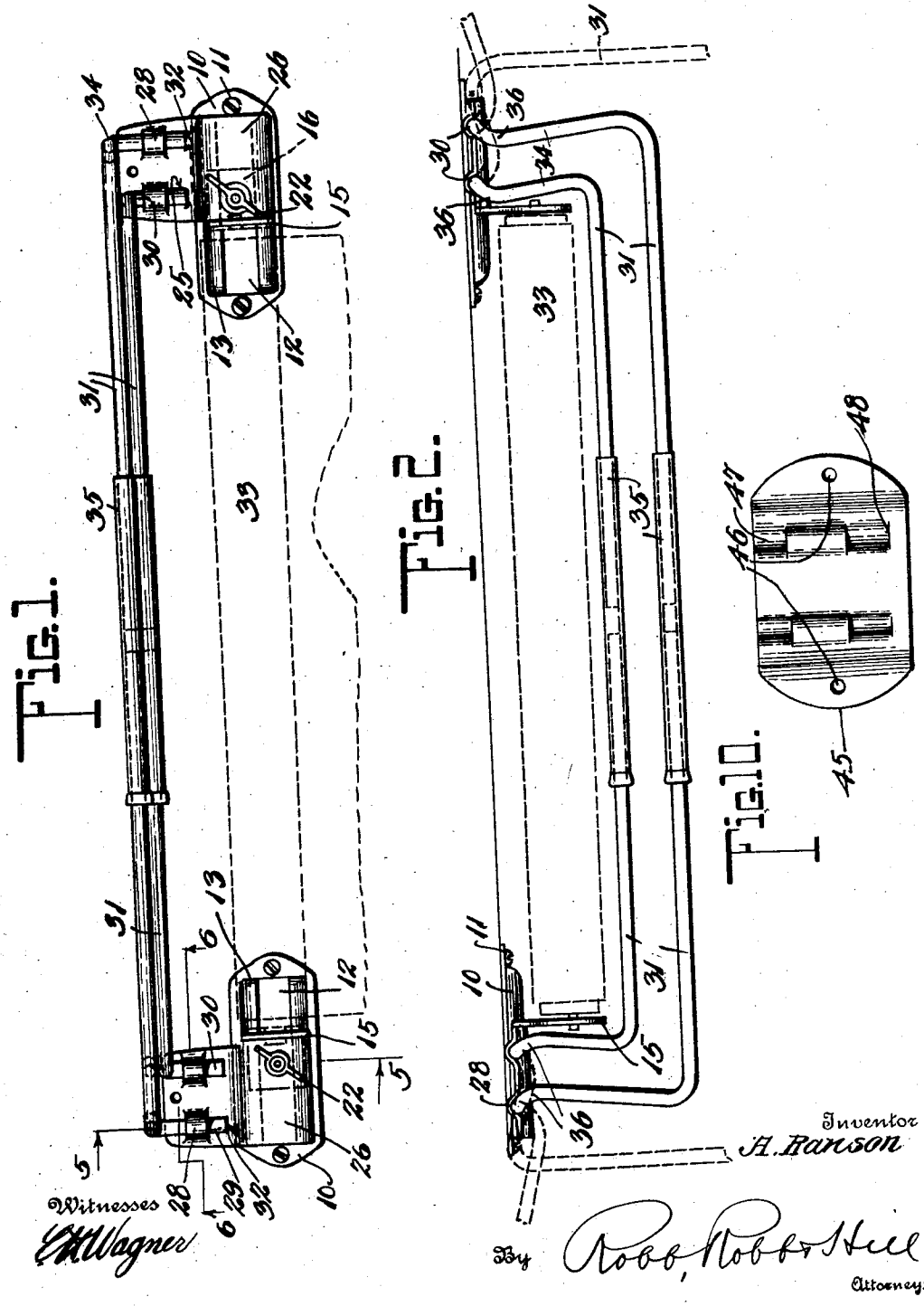
Sept. 28, 1926.

1,601,372

A. RANSON

COMBINED CURTAIN AND SHADE HOLDER

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Fig. 3.

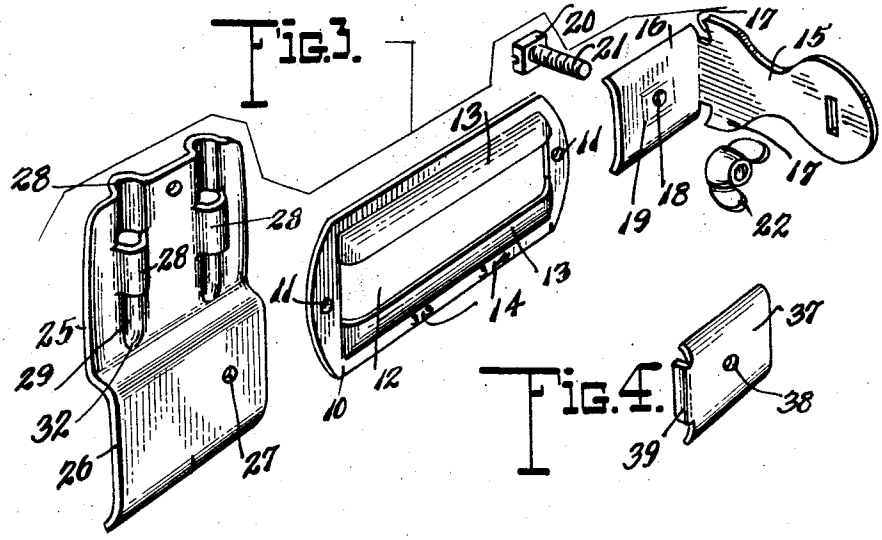


Fig. 4.

Fig. 5.

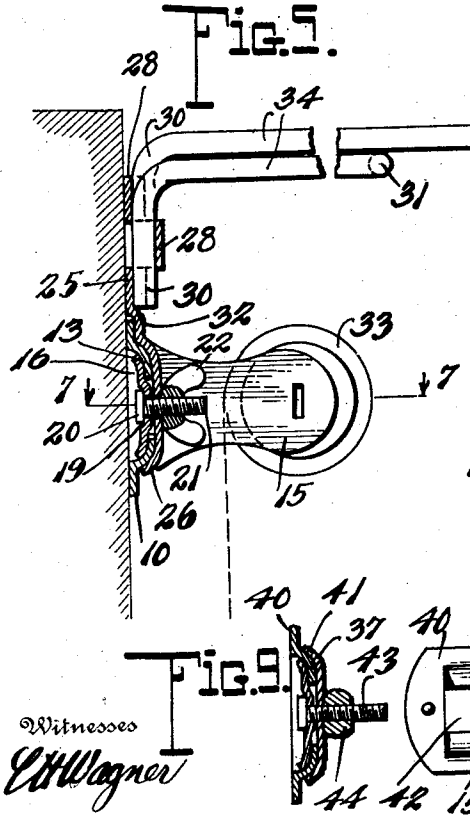


Fig. 6.

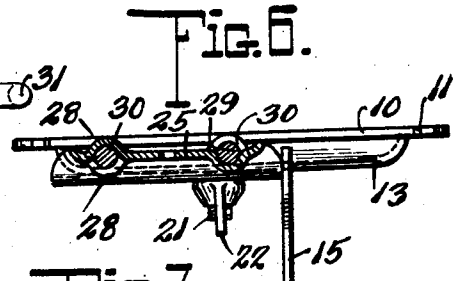


Fig. 7.

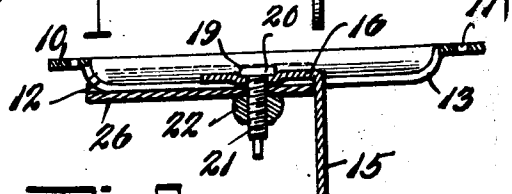


Fig. 8

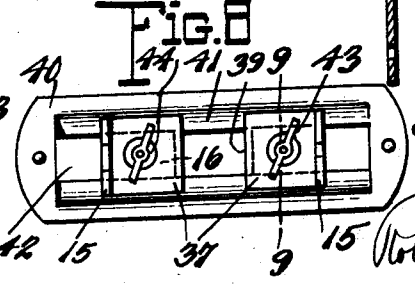


Fig. 9.

Witnesses

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Patented Sept. 28, 1926. 1,601,372

UNITED STATES PATENT OFFICE.

ADOLPH RANSON, OF SOUTH CHARLESTON, WEST VIRGINIA.

COMBINED CURTAIN AND SHADE HOLDER.

Application filed August 28, 1924. Serial No. 734,662.

This invention relates to a combined curtain and shade holder, and particularly to a construction wherein the holders at opposite sides of a window may be adjusted relative to each other to adapt the device for use with windows of different widths.

In such constructions the shade holder has been usually mounted for adjustment independent of the curtain holder with the result that these holders do not maintain their proper relative positions to dispose the rod in the most desirable relation to the curtains used in connection therewith. To secure the most efficient results I have mounted the shade and curtain holders for joint adjustment to maintain their proper relations when applied to different widths of windows and to permit a swinging of the curtain holders outward from the window when it is desired to secure access thereto.

It has also been found that in the use of parallel curtain supporting rods adapted to swing outward from the window proper provision is not made for a clearance of the rods so that when in open position they will be readily accessible for the mounting or adjustment of the curtains thereon. I have therefore provided a construction of the parallel curtain rods involving angular portions at their ends and vertically disposed pivots mounted in a plate member to be supported thereby against either lateral or downward movement while permitting a ready removal of the pivot and rod when desired.

The invention has for an object to provide an improved construction of combined curtain and shade holder in which the curtain and shade supports are separately mounted in different vertical planes upon a slotted base plate and separately secured thereto by a single device.

A further object of the invention is to provide an improved construction of curtain holder having an angularly disposed end and vertical pivot extending downward therefrom to enter a looped socket in the supporting plate which also retains the pivot against any downward movement.

Another object of the invention is to provide an improved construction of shade bracket having a securing plate adapted to lie beneath the flanges of a slotted holding plate and to be frictionally clamped in contact therewith to retain the bracket against either sliding or tilting movement.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawings:—

Figure 1 is a front elevation of the invention;

Figure 2 is a top plan thereof;

Figure 3 is a detail perspective of the parts in separated position;

Figure 4 is a similar view of a clamping plate used in connection with the shade bracket when applied without the curtain support;

Figure 5 is an enlarged detail on the line 5—5 of Figure 1;

Figure 6 is a similar view on the line 6—6 of Figure 1;

Figure 7 is a section on line 7—7 of Figure 5;

Figure 8 is an elevation of a central shade support used in connection with a double window;

Figure 9 is a section on the line 9—9 through said support; and

Figure 10 is a detail elevation of the curtain support adapted for use independent of the shade bracket.

This holder is adapted to be formed of any desired configuration or material, being preferably of a metal adapted to be shaped by a stamping process which permits the very economical production of the device and a standardizing of the structure of the several parts.

In the form shown the numeral 10 designates a base or supporting plate adapted to be attached at the opposite sides of a window by any preferred means and is provided with apertures 11 for the application of such attaching means. This plate is formed with a longitudinal slot way 12 having at each side thereof flanges 13 which are bent outwardly from the plate. The portion of the plate beyond these flanges may be provided with graduations 14 to assist in the proper adjustment of the cooperating members clamped upon the plate.

Associated with the plate is a shade bracket 15 of usual construction and provided with a clamping plate 16 which is adapted to be passed through the opening 12 by

a lateral and turning movement so as to lie beneath the flanges 13 of the plate 10 and provide an extended bearing surface which frictionally retains the bracket in its adjusted position. The plate 16 is disposed at an angle to the bracket and at this angle the bracket is recessed to form a lug 17 which rests upon the outer face of the flanges 13 to support the bracket against lateral movement. The plate 16 is provided with a central aperture 18 and upon its rear face with an angular socket or seat 19 adapted to receive and retain the head 20 of the attaching bolt or screw 21 to which a nut member 22 is applied when the parts are clamped.

When the parts are assembled as a combined holder the curtain rod support 25 is used in connection with the shade bracket and the lower portion 26 thereon is bent outwardly to embrace the outer face of the flanges and frictionally engage the same. This attaching plate is formed with an aperture 27 to receive the bolt 21 and the upper portion of the plate is formed with oppositely disposed loops 28 produced by slitting the plate and forcing the body of metal therein in opposite directions as shown in Figures 3 and 6. This produces a socket 29 adapted to receive the pivoting end 30 of the curtain rod 31 and the lower end of this pivot rests upon a shoulder 32 at the base of the socket thus limiting the downward movement of the rod and supporting the same in proper vertical position.

In the form of the invention shown, two curtain rods disposed in parallel position are used and the plate 25 provided with a plurality of sockets for that purpose. In order to dispose these parallel rods in different vertical planes and in spaced relation to each other the pivoting posts 30 thereof are formed of different lengths while the rods are deflected outwardly in order to clear and provide space for the curtain 33 by means of angular portions 34 which merge into the pivoting posts 30 of the rods. These rods are disposed at opposite sides of the window and adapted to be connected by a slidable sleeve 35 mounted upon the rods so that when withdrawn from contact with an opposite rod the rods may be swung outwardly into a position substantially at a right angle to the window opening to permit access to the window, as indicated by dotted lines in Figure 2.

The angular portions 34 are also provided with an offset 36 which permits these portions to be swung closely into contact with the plate 25 so as to bring the projected ends of the rods when disconnected into position permitting complete access to the window. This is particularly important when it is desired to clean the window or secure access to the shade and also when it is desired to provide additional ventilation by removing the curtains from the window opening.

The parts so far described constitute a combined fixture for both the shade and curtain but under some conditions it may be desirable to use the shade bracket alone omitting the plate 25 for supporting the curtains. For that purpose a separate clamping plate 37 is used and fits upon the outer face of the flanges 13 of the base plate 10 similarly to the plate 26 and is secured by the passage of the bolt 21 through the aperture 38 while the adjustment of the plate 37 is guided by means of the depending flange 39 which rests within the longitudinal slot 12 of the plate 10. Such form of attaching plate is shown in Figure 4.

In Figures 8 and 9 a special base plate 40 is provided for use in connection with double windows where a support is provided intermediate of the sides of the frame for the shade rollers. This plate is substantially the same in construction as the plate 10 and provided with the flanges 41 forming the longitudinal slot 42. The shade brackets 15 are applied in this slot similar to those before described and secured by a bolt member 43 having a cooperating nut 44. In this form of the invention the plate 37 shown in Figure 4 is used to engage the outer face of the flanges 41.

Under some conditions of use it is found desirable to mount the parallel curtain rods independently of the adjustable construction, and a form of the invention for that purpose is shown in Figure 10 where the plate 45 is provided with offset attaching portions 46 and oppositely bent loops 47 forming sockets having supporting shoulders 48 at their base which comprises substantially the same construction as the plate 25 before described, with the ommission of the attaching plate 26 at the lower portion thereof.

The general operation of the invention will be apparent from the foregoing description and it will be seen that means are provided for jointly adjusting the shade bracket and curtain rod support so that these parts are constantly maintained in proper relation and the provision of the extended surface upon the clamping plates cooperating with the flanges of the base plate provide means for rigidly securing the parts in adjusted position. In effecting this adjustment the graduations upon the base plate are found very convenient as the edge of the connected base for the bracket and rod holder may be properly disposed therein for the desired width of window and an accurate adjustment secured for different windows of the same width. In the ordinary attachment of the shade brackets the pulling tension thereon has a tendency to loosen the fastening de-

vices and the construction herein presented of the clamping plate disposed beneath the flanges of the base plate provides means for preventing such tilting movement of the brackets and the consequent detachment of the shade roller incident thereto.

The formation of the supporting plate for the curtain rods provides a simple construction adapted to be formed at a single stamping operation whereby the opposite looped portions form the recess for the rod pivots and the base of this recess comprises a supporting shoulder by which the rods are sustained against downward movement incident to the weight of the curtain supported thereby. In order to dispose these rods in different vertical planes it is only necessary to vary the length of the pivotal ends thereof which rest upon the shoulders of the sockets.

While the invention relates particularly to a combined fixture of the character described, still it is obvious that the parts thereof may be separately used when conditions so demand, such as the shade bracket may be attached to the base plate for use without the rod support, and likewise the rod support used without the shade bracket, or this support may be used independent of the base as indicated in Figure 10.

While the specific details of construction have been shown and described, the invention is not confined thereto as changes and alterations may be made therein without departing from the spirit of the invention as defined by the appended claims.

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

1. In a device of the class described, a base plate, a shade bracket adjustable longitudinally of said base plate, a curtain rod supporting plate adjustable upon the base plate and extending upward therefrom with a plurality of vertical pivoting sockets above the base plate, a plurality of pairs of curtain rods having vertical pivots in said sockets and adapted to swing outward in opposite directions, and connecting sleeves at the adjacent free ends of said rods adapted to slide thereon to permit release of said free ends and their outward swinging movement.

2. In a device of the class described, a slotted base plate, a curtain rod supporting plate constructed at its lower end to overlap the slot thereof and at its upper portion with a pivoting socket having a seat and formed by vertical oppositely offset portions of said plate, a curtain rod having a lateral pivoting portion supported by said seat and the offset portions of said socket, and means for securing said plates to the base.

3. In a device of the class described, a base plate, a curtain rod supporting plate adjustable thereon and provided with pivoting sockets formed by offsetting portions of the body of the plate in opposite vertical planes, with a horizontal seat at its base, and a curtain rod having a lateral pivoting portion disposed in said socket and supported by the seat of said socket against downward movement.

4. In a device of the class described, a base plate having flanges forming a slot, a shade bracket having a clamping plate disposed beneath said flanges, a fastening bolt extending through said plate, a cooperating clamping plate upon the outer face of said flanges and carrying a curtain rod socket, and a curtain rod having an angularly disposed pivoting end supported against downward movement by the base of said socket.

5. In a device of the class described, opposite rod supporting plates provided with parallel sockets, parallel pairs of curtain rods disposed in said sockets in different horizontal planes and having an angular portion at each end merging into a vertical pivoting portion, and a connecting sleeve carried by one of each pair, said rods to embrace the opposite rod and proportioned so that when the sleeve is withdrawn the free ends of said rods may be successively swung outward from the window and clear each other.

In testimony whereof I affix my signature.

ADOLPH RANSON.