Sept. 23, 1924. 1,509,330

E. P. WYATT

CURTAIN FIXTURE

Filed July 6, 1922

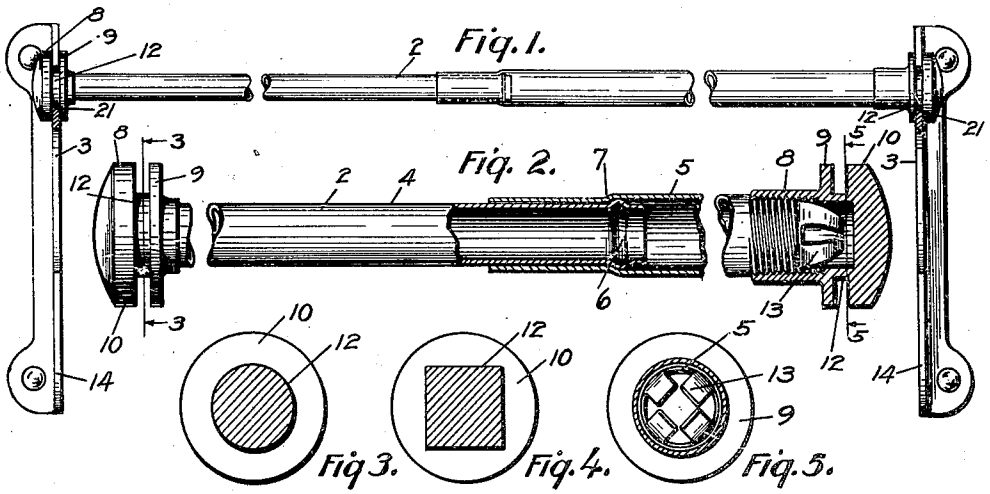


Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.

Fig. 5.

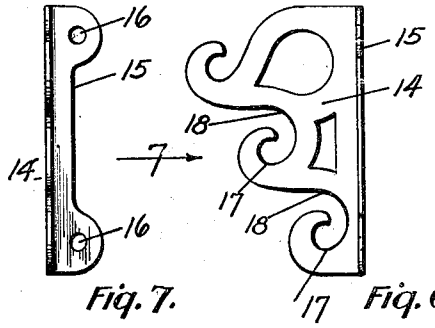


Fig. 7. Fig. 6.

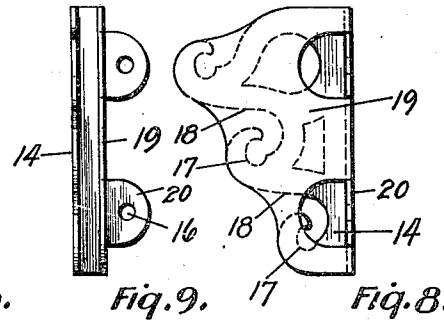


Fig. 9. Fig. 8.

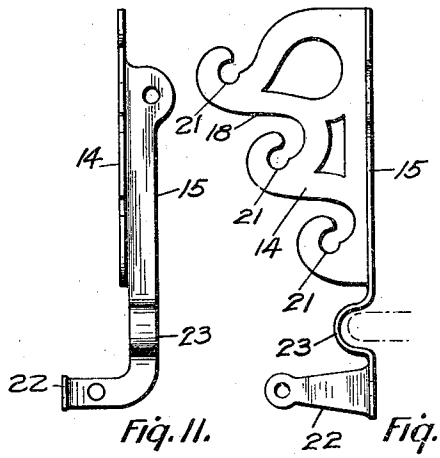


Fig. 11. Fig. 10.

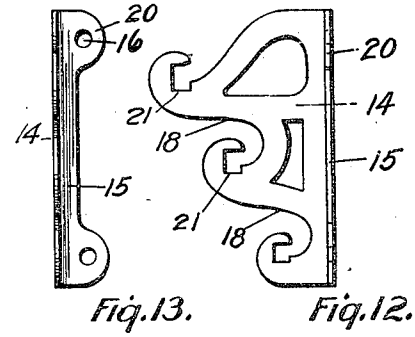


Fig. 13. Fig. 12.

INVENTOR.

Edyth P. Wyatt

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UNITED STATES PATENT OFFICE.

EDYTH P. WYATT, OF DENVER, COLORADO.

CURTAIN FIXTURE.

Application filed July 6, 1922. Serial No. 573,088.

To all whom it may concern:

Be it known that I, EDYTH P. WYATT, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Curtain Fixtures, of which the following is a specification.

My invention relates to curtain fixtures and its main object is to provide rods and brackets of novel, simple and ornamental form and construction which cooperate to suspend one or more curtains, shades or draperies so as to hold them securely against relative displacement in front of a window or door to which the fixture is applied.

Another important object of my invention is to provide a rod and brackets so formed and constructed that when the one is supported on the others, it is secured against longitudinal displacement, and is firmly held in place by the weight of the curtain or other drapery.

Further objects of the invention reside in providing a simple assemblage of parts for the adjustment of the rods to different lengths and a practical means for facilitating the insertion of the rod through the suspension means of a curtain or drapery, and still other objects reside in details of construction and a novel arrangement of parts hereinafter to be described and illustrated in the accompanying drawings.

In the drawings in the several views of which like parts are similarly designated, Figure 1 represents a partially sectional and fragmentary elevation of the cooperating members of my improved curtain fixture in its operative position;

Figure 2, a fragmentary, partially sectional elevation of the rod-member of the fixture drawn to an enlarged scale;

Figure 3, a section on the line 3—3, Figure 2;

Figure 4, a similar section showing a modified construction;

Figure 5, a section taken on the line 5—5, Figure 2;

Figure 6, a side elevation of one of the bracket members of the fixture;

Figure 7, a front view of the same looking in the direction of the arrow 7 in Figure 6;

Figures 8 and 9, views similar to Figures 6 and 7, of a bracket member of modified construction;

Figures 10 and 11, side and front elevations of the bracket shown in Figures 6 and 7, provided with means for the suspension of a shade-roller; and

Figures 12 and 13, views similar to Figures 6 and 7, showing a modification of the bracket, adapted to support a rod of the modified construction shown in Figure 4.

Referring more specifically to the drawings, the reference character 2 designates the rod member of the fixture and 3 the bracket members which support the rod and which in practice are fastened at opposite sides of a door or window frame.

The rod member, best shown in Figure 2, consists of two telescoping tubular sections 4 and 5 which slide one inside the other for the adjustment of the length of the rod to different distances between the brackets on which it is supported. The larger section 5 is reduced at its end to fit around the other section, and the latter has at its extremity an outwardly extending bead 6 which when the sections are assembled, engages with the shoulder 7 formed by the reduction of the outer section. The rod-sections are preferably screw threaded at their outer extremities for the application of heads 8 which cooperate with the brackets to hold the rod in place, as will hereinafter be more fully described. Each head consists of an internally screw threaded cap fitted upon the correspondingly threaded end of the rod and having an enlargement divided into two parallel flanges 9 and 10 by an intervening neck 12. The flange at the end of the head is rounded at its outer surface to enhance the ornamental appearance of the rod to which it is applied. The threaded extremities of the rod, upon which the heads are fitted, each have a plain end portion 13 beyond the threads, which is longitudinally kerfed and subsequently crimped to a taper shape that facilitates the insertion of the rod through the rings, loops or other suspension means of a curtain, shade or other drapery.

Referring to Figures 6 and 7, the bracket-members of the fixture consist in their simplest form, of a plate 14 which is bent at right angles near one of its longitudinal edges to provide a flange 15 by which the bracket is secured to a door or window frame. The flange is apertured as at 16 for the insertion of the nails or screws by which the bracket is fastened and the body of the plate is cut out in fanciful scrolls to enhance the ornamental appearance of

the article. The plate has in its front edge one or more S-shaped recesses each forming a partially covered seat 17 for the neck of the rod-head hereinbefore described, and an upwardly slanting approach 18 to said seat.

When the bracket has a plurality of seats of the above described form, they are arranged in stepped formation with the upper one outermost so that the curtains, shades or draperies suspended from the rods supported in the seats, may hang in spaced relation to each other.

It will be apparent that the rod-seat of the bracket, formed as shown and described, is readily entered by sliding the corresponding portion of the rod-head along the inclined approach at the edge of the plate, and that the bracket, owing to the S-shape of its edge, will hold the rod against upward or lateral displacement. The flanges on the heads of the rod hold the latter at the same time against longitudinal movement so that the entire fixture is practically rigid while its parts are easily assembled or separated even by persons inexperienced in work of that kind.

In the modified construction illustrated in Figures 8 and 9 the bracket has a plate 19 in spaced and parallel relation to the plate in which the seats are formed, and the flanges 20 by which the bracket is fastened to the window are stamped out of the plate 19 and bent at right angles thereto. The bracket is especially adapted for the support of rods provided with single knobs or heads at their extremities, it being apparent that the plates of the brackets will hold the rod against longitudinal movement by engagement with its heads.

The plates 19 of the brackets serve furthermore to cover the heads of the rods, in case the nature of the draperies or the structure to which they are applied, renders it impractical or undesirable to expose the ends of the rods beyond the brackets.

The modification shown in Figures 10 and 11 differs in that the seats for the necks of the rod heads are hollowed as at 21 to more securely hold the rod in place and in that the flange of the bracket is extended at its lower end and bent at right angles to provide a forwardly projecting arm 22 for the support of a shade-roller. The shank portion 23 of the extension immediately below the plate 14 is curved to accommodate the molding of the window frame to which the bracket is applied.

The form of the invention shown in Figures 12 and 13 differs from the before described forms only in that the seats for the rods are squared to fit correspondingly formed necks of the rod heads as indicated in Figure 4.

Having thus described my improved curtain fixture in its preferred forms, I desire it understood that other changes in the construction, form and arrangement of its parts may be resorted to without departing from the spirit of my invention.

What I claim and desire to secure by Letters-Patent is:—

1. A tubular curtain rod whose ends are kerfed and crimped to a taper, and heads adapted to be removably applied to said ends.

2. A curtain fixture comprising a rod-member having a screw thread and a plain tapering end-portion, a head fastened by the screw thread, and a bracket-member having a seat to which the head is fitted.

3. A curtain fixture comprising a rod-member having a screw thread and a plain end-portion which is kerfed and crimped to a taper, a head fastened by the screw thread, and a bracket-member having a seat to which the head is fitted.

In testimony whereof I have affixed my signature.

EDYTH P. WYATT.