

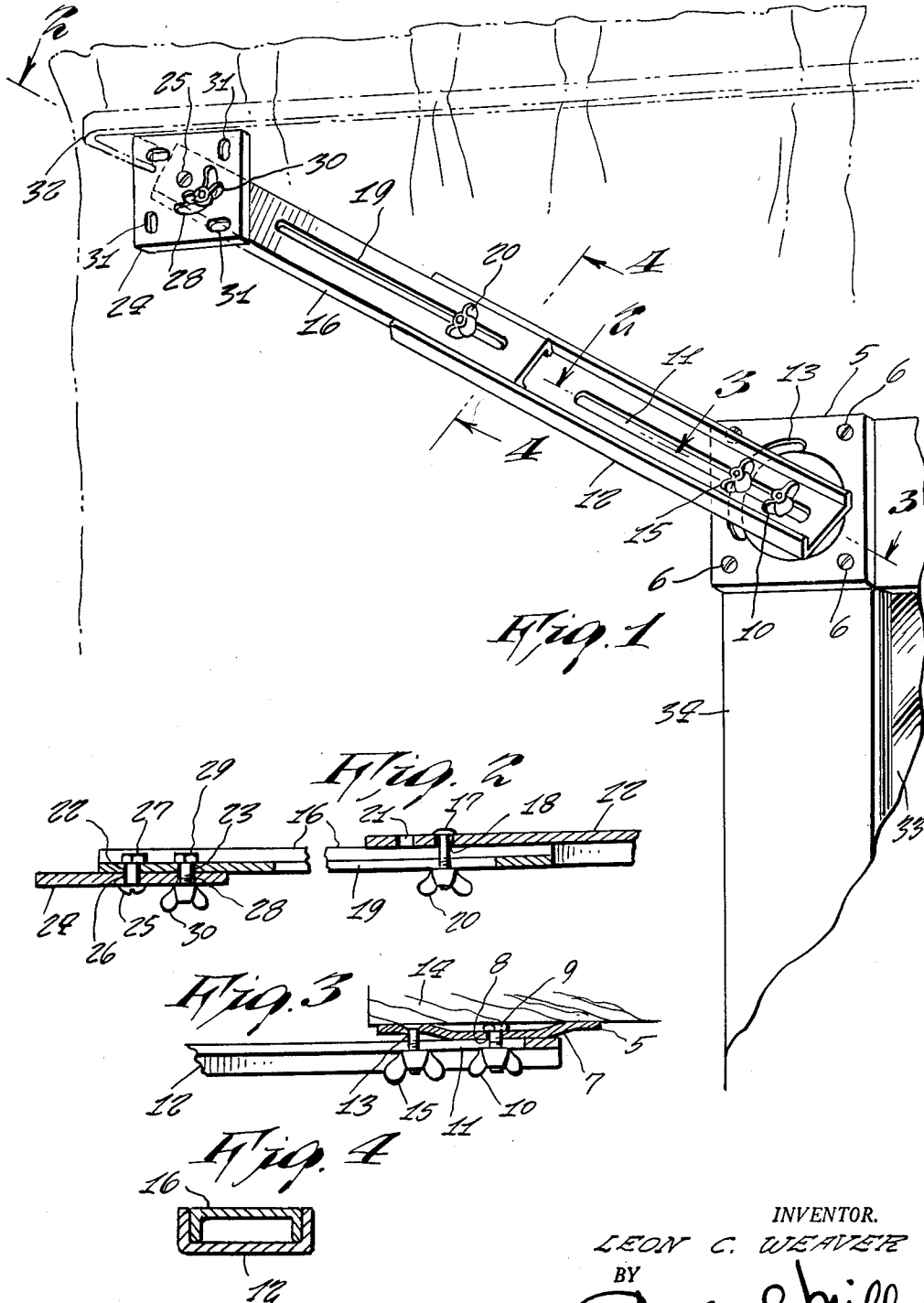
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WINDOW ARM OR DRAPE AND CURTAIN EXTENSION ARM

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WINDOW ARM OR DRAPE AND CURTAIN EXTENSION ARM

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2 Claims. (Cl. 248—265)

This invention relates to window hardware for supporting drapes and curtains, and especially to drape and curtain extension arms, which I choose to term a window arm.

The main object of my invention is to provide a window with special extension arms for supporting drapes and/or curtains higher or wider than the window in order to give the effect of greater height and width than would be the case with supports directly secured upon the frame of the window in conventional manner.

Another object of my invention is to provide means for easily and simply adjusting drapes and curtains and the like by adjusting the fixtures therefor.

A further object of the invention is to provide such an extension arm that provides for any reasonable degree of installation of drapery hardware from the corner of a window without removing screws or upsetting the fixtures, thus avoiding resulting loose fixtures.

A further object of this invention is to have such an extension arm that forms quickly adjustable means for fitting draperies or curtains which have shrunk or become longer from laundering or unfavorable weather conditions.

It is likewise an object to provide such means that will be a substantial installation job where extra width and length are desired, while eliminating the necessity of drilling holes out on the wall beyond the window frame or at the side of the window.

It is also an object to have such means allowing easy adjustment of drapery fixtures on which to hang stock size ready made draw draperies or curtains.

Yet another object is to have such support means providing housewives with easy means for adjusting and regulating their own draperies without using tools other than a pair of pliers, and without making any drastic alterations on the draperies when changing the width or length of the window effects concerned.

It is even an object, withal to aid decorators when installing draperies over a wall space, to make it unnecessary to have these draperies correctly dimensioned to the fraction of an inch to fit a given size of window, or for the rods to be installed at any exact location, and thereby to save time and effort.

Other objects and advantages of my invention will appear in further detail as the specification proceeds.

In order to facilitate ready comprehension of this invention for a proper appreciation of the salient features thereof, the invention is illustrated on the accompanying drawing forming part hereof, and in which:

Figure 1 is a front elevation of a window at one side thereof with an extension arm mounted in operative position and embodying the invention in a practical form; and

Figures 2, 3 and 4 are transverse sections as taken on lines 2—2, 3—3, and 4—4, respectively in Figure 1.

In these views, the same reference numerals indicate the same parts and features.

Many housewives desire to have a higher or wider

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window effect at a given window than would ordinarily be the case with conventional drapery and curtain fixtures, in order to allow for entry of maximum light and ventilation, but still do not desire to have the drapery fixtures mounted directly on the walls for support. This requires some form of support from the window frame or from the corner of the window that will not be limited by the actual area of the window involved, and thus has presented a problem calling for a practical and simple solution. As a result of considering this problem, I have succeeded in producing what I choose to call a window arm, or drape and curtain extension arm along the lines already mentioned, which will now be described in detail in the following, due reference being had to the accompanying drawing in which the views have been identified.

Hence, in the practice of my invention, upon each corner of a window frame is mounted a bracket plate 5 secured to the window frame at the four corners of this bracket plate (one shown) by the four screws 6, 6, 6, etc. The plate just mentioned has a raised intermediate area 7 with a central pivot hole 8 for a pivot bolt 9 provided with a wing nut 10 and extending through an elongated slot 11 in a slotted channel member 12 thereby secured to plate 5 in adjustable manner. The channel member forms an arm which is not only longitudinally adjustable when the wing nut 10 is loosened, but also angularly adjustable about pivot bolt 9 from a horizontal position to a vertical position. For this purpose, the plate 5 has an arcuate slot 13 for retaining the head end of a second bolt 14 which also extends through arcuate slot 13 and the long slot 11 of the channel member to more definitely control the actual position of this member with reference to plate 5, the second wing nut 15 serving to tighten the second bolt and thereby fix the channel arm in place.

The mentioned channel arm 12 has a second channel member 16 fitted into the end thereof and retained in association therewith by means of a third bolt 17 extending through an end hole 18 in member 12 and longitudinal slot 19 in said second channel member 16. A wing nut 20 secures the third bolt in place and the two channel members together in any attained linear adjustment, but the member 12 has an additional hole 21 for a different location of bolt 17 to further extend channel member 16 when desired. Loosening nut 20 allows the second channel member 16 to be slid further in or out along member 12 to selected length position, after which this nut may be tightened again.

At the far end of second channel 16 are a pair of holes 22 and 23, the former serving as a center pivot hole for securing a fixture plate 24 by means of a screw 25 extending through the center hole 26 of this plate, the screw having a nut 27 at the rear of channel 16. Plate 24 has an arcuate slot 28 in which a further bolt 29 is located that extends rearwardly through channel 16 in hole 23 and upon plate has a further wing nut 30 to set this plate at a selected rotated position upon the end of channel 16 just mentioned. Fixture plate has a series of corner slots 31, 31, etc., facilitating the mounting of fixtures and rods 32, for example for supporting drapes and curtains far beyond the limits of the window 33 or its frame 34 at both sides, although only one side is shown herein. The angular adjustment available for arm 12 with its extension arm 16 allows of wide adjustment in height and length from the floor upon plates 5, and the lengthwise adjustment of member 16 along member or arm 12 greatly augments the latitude of adjustment available. In view of the wide range of adjustments thus possible, it is evident that the width and/or the length of drapes and curtains need not bear any direct relation to the height and width of the window, but may be adjusted to whatever width and height the house-

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wife may desire. The invention thus serves to carry the curtain rods or fixtures of whatever kind or type in any selected positions to provide the effect of the width and height intended, no matter what may be the actual size of the window at which the drapes or curtains are to be hung.

Manifestly, variations may be resorted to, and parts and features may be modified or used without others within the scope of the appended claims.

Having now fully described my invention, I claim:

1. A drape and curtain extension arm comprising, in combination, a mounting plate having means for engagement with the upper corner of a window frame, said mounting plate having a central circular pivot hole, a pivot bolt extending through said central circular pivot hole in said plate, a channel arm having an elongated slot through which said pivot bolt extends, an adjustable nut carried by said pivot bolt retaining said channel arm upon the bolt against said plate, means for securing said arm in a selected angular position upon said mounting plate, said means for securing said arm upon said mounting plate comprising an arcuate slot within said mounting plate and a second bolt extending through said arcuate slot and the longitudinal slot in said channel arm, another adjustable nut upon said second bolt retaining said channel arm in an adjusted selected angular position upon said mounting plate, a second channel arm having a longitudinal slot supported in sliding relationship with the

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first mentioned channel arm, said first channel arm having at least one hole in the far end thereof, an additional bolt extending through the end hole in said first channel arm and through said longitudinal slot in said second channel arm, and an adjustable nut carried by said additional bolt allowing lengthwise adjustment of the second channel arm along said first channel arm.

2. A drape and curtain extension arm according to claim 1, wherein the second channel arm has a pair of holes in the far end thereof, a fixture plate having a central hole and an arcuate slot, a pair of screws extending through the holes in said second channel arm and the central hole and arcuate slot in the fixture plate, and wherein a nut is mounted on the screw in the central hole and an adjustable nut is mounted on the screw in the arcuate slot, and the plate has a plurality of corner slots for fixtures.

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