

C. W. SUMNER.
 COMBINED CURTAIN ROD AND SHADE FIXTURE.
 APPLICATION FILED MAR. 12, 1912.

1,044,940.

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Fig. 1.

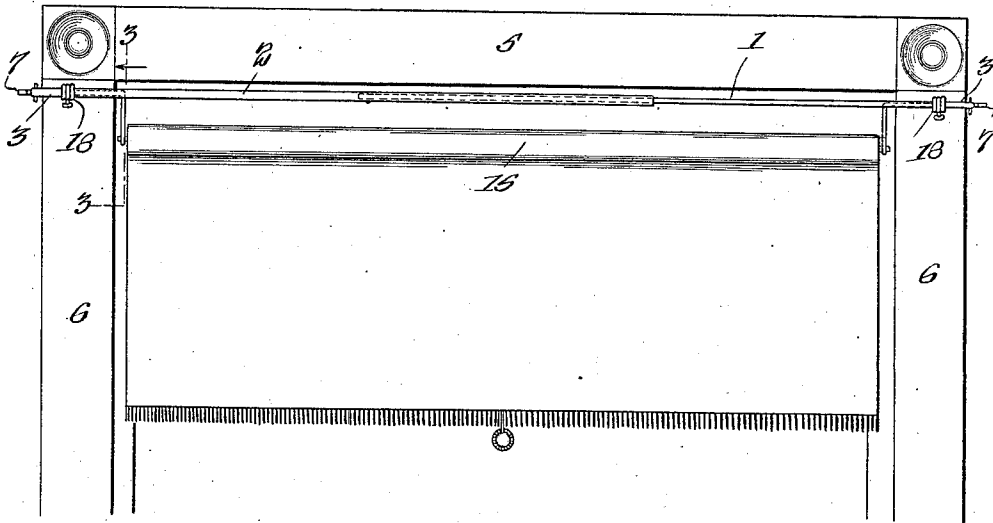


Fig. 2.

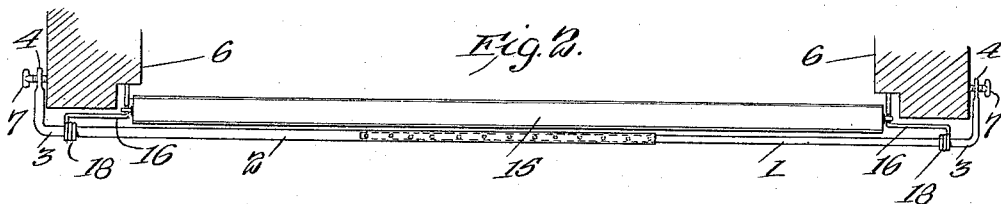


Fig. 3.

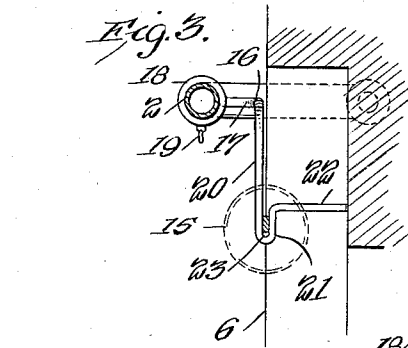


Fig. 4.

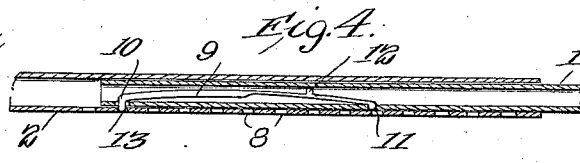
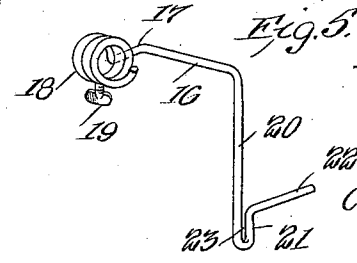


Fig. 5.



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COMBINED CURTAIN-ROD AND SHADE-FIXTURE.

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To all whom it may concern:

Be it known that I, CHARLES WILLIAM SUMNER, a citizen of the United States, and a resident of St. Petersburg, in the county of Hillsboro and State of Florida, have invented a new and Improved Combined Curtain-Rod and Shade-Fixture, of which the following is a specification.

My invention is an improvement in curtain fixtures, and has for its object the provision of a simple, inexpensive device of the character specified for supporting a curtain and a blind roller, which consists of few parts, is capable of being adjusted to fit any casement, may be adjusted vertically on the casement and has means adjustable on the same for supporting the blind roller.

In the drawings:—Figure 1 is a front view of a portion of a window provided with the improvement; Fig. 2 is a section on the line 2—2 of Fig. 1; Fig. 3 is a section on the line 3—3 of Fig. 1; Fig. 4 is a partial longitudinal section of the rod; and, Fig. 5 is an enlarged perspective view of the blind supporting bracket.

The present embodiment of the invention comprises a tubular rod or pole composed of inner and outer telescoping sections 1 and 2, and each section is provided at its outer end with an angular arm 3, having a bearing 4 at its extremity. The sections 1 and 2 are as before stated telescoping, and are adapted to be arranged transversely of the casement 5, near the upper end thereof, and with the arms 3 extending along the sides 6 of the casement. A set screw 7 is threaded through the bearing 4 of each arm, and the inner end of each screw engages the outer side of the side member of the casement to hold the rod in place. The inner end of the section 2 of the rod is provided with a longitudinal series of openings 8, arranged at spaced intervals, and adapted for engagement by a resilient catch 9 on the inner section. The catch 9 is in the present instance an arched bar having at one end a lateral tongue 10 for engaging one of the openings 8, and provided at the opposite end with a lateral lug 11 engaging an opening in the inner section 1.

The bar 9 is given a quarter turn at approximately its center, so that its widest dimension at one end is at right angles to the said dimension at the other. The bar is also provided with a lateral lug 12 interme-

diating the quarter turn and the lug 11, and the said lug 12 engages the opposite side of the inner section from lug 11. The bar 9 is thus held firmly at one end, and the tongue 10 at the other end passes through an opening 13 in the inner section before engaging the openings 8 of the outer section. The sections may be adjusted with respect to each other, by releasing the tongue from openings 8.

The rod 1—2 is designed to support a curtain or the like (not shown), and means are provided on the rod for supporting a blind roller 15. The said means comprises a pair of bracket arms, each formed from wire or the like bent into shape, and adjustable longitudinally of the rod or pole. Each bracket arm consists of a body portion 16, provided at one end with an angular or lateral arm 17, having at its extremity a bearing in the form of a coil 18 for engaging the rod 1—2, and a set screw 19 is threaded through the coil for engaging the rod to hold the bracket in adjusted position. At the opposite end from the arm 17 an arm 20 is provided, extending at right angles to arm 17, and the arm is provided at its lower end with a return portion 21 lying alongside arm 20. At the end of the return portion is a lateral lug 22, and the trunnions of the blind roller are received in the bearing 23 between the return portion and the arm 20.

The coil 18 is formed in the present instance by three coils of the wire, lying alongside each other, and the set screw is threaded through the central coil. The blind roller in common use, that is the automatic roller has one of its trunnions flattened, and one of the bracket arms is provided with a suitably shaped bearing for the said trunnion. The said arm is shown in Fig. 5, and differs from the other arm only in the shape of the bearing 23. The said bearing is elongated, and is a loop rather than a bearing. The bearing holds the trunnions from rotation. The bracket arms are arranged with the bearings 23 on the inner side of coil 18, as shown in Fig. 2, and the said bracket arms are on the inner side of the rod or pole. The blind roller is thus supported between the rod or pole and the casement, and below the rod or pole. The lug 22 extends toward the casement, and engages the front faces of the side members 6, Fig. 3, to hold the blind roller in proper position, and to steady the

same. The lug 22 is of such length that the blind roller is supported below the pole and between the same and the casement.

It will be evident that the fixture may be applied to window casements widely differing in size and the said rod or pole may be arranged at any desired height on the casement. The bracket arms may also be adjusted to fit any blind roller.

The device as a whole is light and compact, consisting of very few parts, and the adjustment is extremely easy. The rod may be extended or contracted merely by pushing the sections together, or pulling them apart. The catch is entirely automatic and prevents accidental displacement of the sections.

I claim:

1. A curtain fixture comprising a tubular rod or pole comprised of inner and outer telescoping sections, each section having a laterally extending arm at its outer end, the extremity of each arm having a threaded bearing, a set screw threaded through each bearing for engaging the casement, means for holding the sections in adjusted position, said means comprising a longitudinal series of openings in the wall of the outer section, a resilient catch on the inner section for engaging the openings, and a bracket arm near each end of the rod and adjustable on the rod for supporting a blind roller, each arm comprising a body portion provided at its ends with arms extending at right angles to each other, one of the arms having a sleeve slidable on the rod and the other a bearing for the trunnion of the roller, and a set screw threaded through the sleeve for engaging the rod, said bearing arm having a lateral inwardly extending lug for engaging the front of the casement.

2. A curtain fixture comprising a tubular rod or pole comprised of inner and outer telescoping sections, each section having a laterally extending arm at its outer end for engaging the outer side of a casement, means for holding the sections in adjusted position, said means comprising a longitudinal series of openings in the wall of the outer section, a resilient catch on the inner section for engaging the openings, and a bracket arm near each end of the rod and adjustable on the rod for supporting a blind roller, each arm comprising a body portion

provided at its ends with lateral arms at right angles to each other, one of the arms having a sleeve slidable on the rod and the other a bearing for the trunnion of the roller, and a set screw threaded through the sleeve for engaging the rod, said bearing arm having a lateral inwardly extending lug for engaging the front of the casement.

3. A curtain fixture comprising a rod or pole composed of tubular telescoping sections, the outer section having a longitudinal series of openings, and the inner section having a pair of spaced openings, a catch comprising a resilient arch bar having a lateral lug at each end for engaging the spaced openings, one lug being adapted to extend through the opening to engage one of the openings of the outer section, said bar having a lug intermediate its ends for engaging the inner section and extending in the opposite direction to the first named lugs.

4. In a curtain fixture comprising a tubular rod or pole composed of inner and outer telescoping sections, means for holding the sections in adjusted position, said means comprising a resilient arch bar having a lateral lug at each end, the inner sections of the rod or pole having spaced openings for engagement by the lugs, the outer section having a longitudinal series of openings adapted to register with one of the said openings of the inner section and to be engaged by the lug at the said opening, said bar having a lug extending in the opposite direction to the first named lugs and engaging the inner section to hold the bar in place.

5. In a curtain fixture comprising an extensible and contractible rod or pole, a bracket arm near each end of the rod and adjustable thereon for supporting the blind roller, each of the said arms comprising a body portion provided at its ends with lateral arms extending at a right angle to each other and to the body, one of the arms having a sleeve slidable on the rod and the other a bearing for the trunnion of the roller, and means for fixing the said rod in extended or contracted position.

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