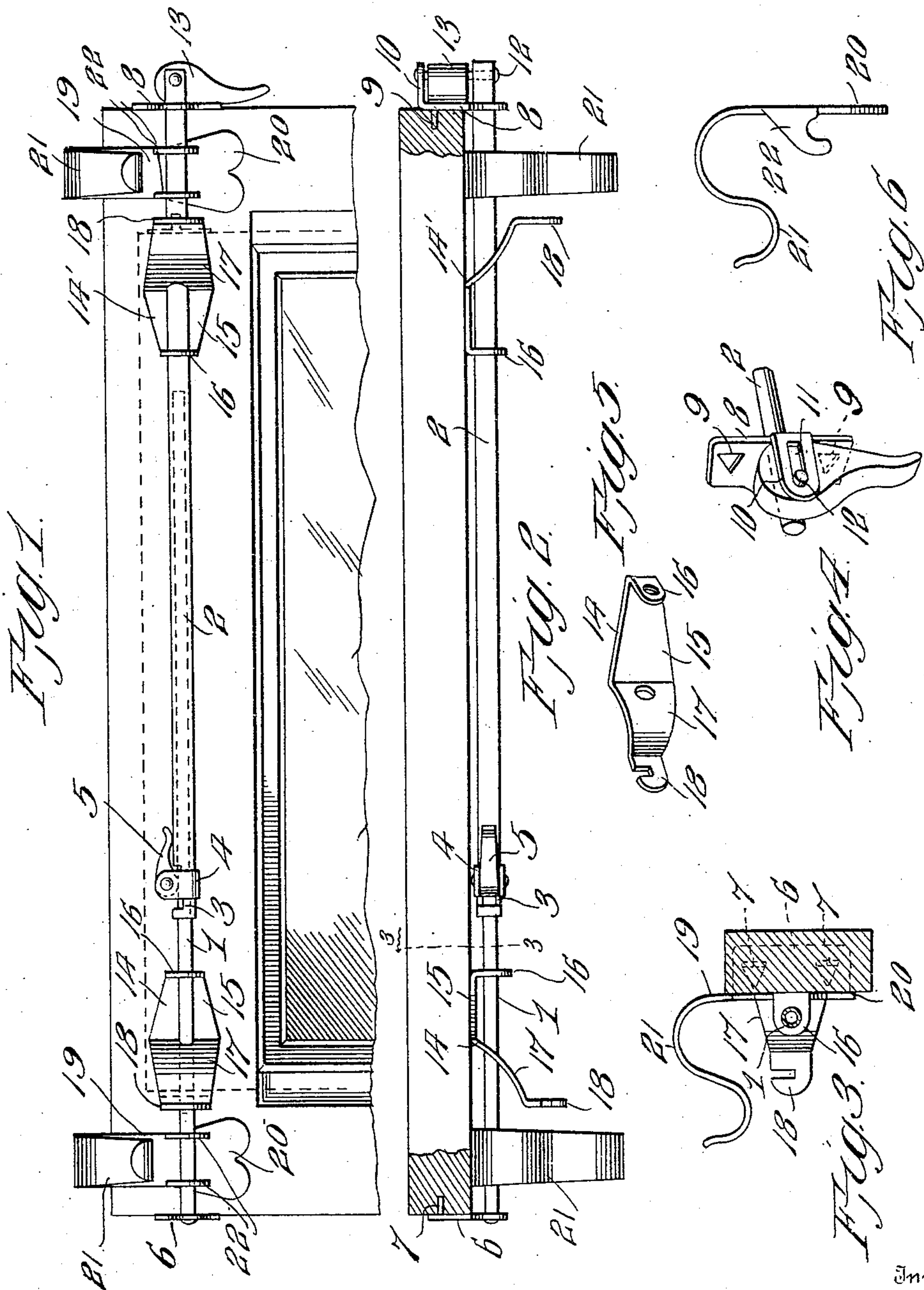


O. C. PATTON.
 WINDOW SHADE AND CURTAIN FIXTURE.
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Witnesses

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WINDOW SHADE AND CURTAIN FIXTURE.

No. 930,221.

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To all whom it may concern:

Be it known that I, OLLIE C. PATTON, a citizen of the United States, residing at Pittsburg, in the county of Crawford and State of Kansas, have invented new and useful Improvements in Window Shade and Curtain Fixtures, of which the following is a specification.

This invention relates to a novel and improved shade and curtain fixture, the object of the invention being to provide a shade or curtain supporting rod which is adjustable for window frames of different widths, which may be conveniently applied to and removed from a window or door frame in a convenient and practically instantaneous manner without marring or injuring the frame and without the use of auxiliary fastenings, and which is adapted to directly support a curtain or serve as a support for window shade and curtain pole brackets.

A further object of the invention is to provide simple and effective constructions of window shade and curtain brackets for use in conjunction with a supporting rod of this character.

With these and other objects in view, the invention consists of the features of construction, combination and arrangement of parts hereinafter fully described and claimed, reference being had to the accompanying drawing, in which:—

Figure 1 is an inner elevational view of the head of a window frame, showing the application of the invention thereto. Fig. 2 is a top plan view of the same. Fig. 3 is a section on line 3—3 of Fig. 2. Fig. 4 is a perspective view of one of the rod supporting brackets and the adjacent end of the rod. Fig. 5 is a similar view of one of the shade brackets. Fig. 6 is a side elevation of one of the pole supporting brackets.

In carrying my invention into practice, I provide a telescopic rod composed of sections 1 and 2, one of which is fitted to slide within the other, thus enabling said rod to be extended or contracted to vary its length for application to door or window frames of different widths. The inner end of the section 2, which is tubular to receive the section 1, is provided with a transverse slot 3 and has mounted thereon a clip or support 4 carrying a cam locking lever 5 which is operative in said slot 3 to engage the rod sec-

tion 1 to lock the two rod sections together in adjusted position.

Secured in any suitable manner to the outer end of the rod section 1 is a rod supporting bracket 6 which is adapted to bear against one side of the head of the window or door frame and is provided with spurs or teeth 7 to enter said frame. The outer end of the rod section 2 carries a rod supporting bracket 8, which is provided with an opening through which the end of said rod section extends, whereby the bracket and rod section are slidably connected. The body of the bracket is provided with spurs or teeth 9 to enter the opposite side of the head of the window or door frame and is formed with an outwardly bent arm 10 extending parallel to the end of the rod and provided with a longitudinal slot 11 in which fits and slides one end of a pivot pin 12. The pin 12 is fixedly connected at its other end to the end of the rod section 2 and forms a pivotal support for a cam locking lever 13, which is mounted on the pin between the arm and end of the rod section, and has its cam head bearing against the outer face of the plate.

In the operation of adjusting the rod for application to any width of door or window frame, the sections of the rod are adjusted to an approximate degree by a relative sliding movement until the brackets 6 and 8 are spaced to engage the edges of the door or window frame, and then the locking lever 9 is turned to locking position to clamp the rod sections against movement. By then moving the clamping cam 13 to clamping position, the rod as a whole will be contracted to bring the bracket 6 into engagement with the side of the frame against which it bears, while the bracket 8 will be directly forced against the opposite side of the frame, this action setting the spurs or teeth 7 and 9 of said brackets into the frame to firmly and securely fasten the rod in position thereon. Provision is thus made for adjusting the rod to suit any width of door or window frame and to enable the rod to be practically instantaneously applied and removed. The construction of attaching brackets employed obviates the necessity of using auxiliary fastenings of any kind, and adapts the rod to be applied to and removed from door and window frames varying considerably in width without marring or injuring the same.

It will be understood that the rod, constructed as above described, may be employed for supporting a lace curtain, portière or other kind of drapery upon a window or door frame, without the necessity of using other supporting means. It may also be employed for supporting a window shade or curtain pole, or both, as occasion may require. For supporting window shades, brackets 14 and 14' are employed and adjustably mounted on the rod sections. These shade supporting brackets are practically duplicates in construction, each comprising a body portion 15 having at one end a short right angular arm 16 perforated for the passage of the rod and having at its opposite end an outwardly curved arm 17 also perforated for the passage of the rod, the extremity of the arm 17 being provided with a supporting lug 18, the lug 18 of one of the brackets being provided with the usual opening for the journal on one end of the shade roller and the lug upon the other bracket with the ordinary form of notch for the reception of the angular end of the spring roller shaft. The body portions of the brackets are arranged between the rod and base of the window frame and bear against the latter, and the perforations in the arms 16 and 17 permit relative adjustment of said brackets on the rod to receive and support shade rollers of different lengths. The arm 17 of each bracket, by reason of its inclination or curvature, bears with a binding force against the rod and thus acts as a clamp to hold the bracket in adjusted position. By moving this arm 17 forwardly and toward the arm 16, the clamping pressure of said arm 17 will be relaxed to permit adjustment of the bracket.

The curtain pole supporting brackets 19 employed in connection with the rod are alike in construction, each comprising a body portion or back plate 20 having a forwardly extending hook shaped supporting arm 21 to receive and hold the pole. The body portion or back plate is formed with forwardly extending hooked flanges 22 adapted to fit down upon and engage the rod 10, to secure said bracket in position thereon. By reference to Figs. 1, 2 and 3 it will be seen that in the use of the pole supporting brackets, the body portions of said brackets are arranged in rear of the rod to bear against the frame and the hooked flanges 22 fitted from above down into locking engagement with the rod. This construction adapts the pole supporting brackets to be adjusted relatively to each other to support curtain poles varying in length according to the width of the frame.

From the foregoing description, it will be seen that my invention provides a fixture of the character described which may be adjusted to suit different widths of frames, which may be quickly and conveniently applied and removed without injury to the

frame, and which may be employed for supporting curtains or portières directly from the fixture, or for supporting window shades and curtain poles by the application of brackets of novel construction, which are also adjustable to suit different widths of shades and curtains and door frames. The construction is simple, and provides a fixture which may be manufactured at a low cost, which is neat and attractive in appearance, and which may be used for an indefinite period.

Having thus fully described the invention, what is claimed as new is:—

1. A shade or curtain fixture comprising a rod composed of telescopic sections, means for fastening said sections in adjusted position, a fixed clamping bracket upon one of said rod sections, a slidable clamping bracket upon the other rod section, and a cam mounted upon the latter named rod section and arranged to slide said sliding bracket so as to relatively adjust the brackets toward each other for clamping action against the opposite sides of a door or window frame.

2. A shade or curtain fixture comprising a supporting rod composed of telescopic sections, means for clamping the sections in adjusted position, a fixed attaching bracket on one rod section adapted to bear against one side of a window or door frame, a sliding attaching bracket on the other rod section adapted to bear against the other side of the window frame, and a clamping device mounted upon the rod for sliding said sliding bracket to relatively adjust said brackets into and out of clamping position.

3. A window shade or curtain fixture comprising a rod composed of telescopic sections, means for securing the sections in adjusted position, a clamping bracket upon one of the rod sections to bear against one side of the window frame, a clamping bracket upon the other rod section to bear against the other side of the window frame, and means for adjusting one of said brackets on its rod section and relatively to the other bracket to move said brackets into and out of clamping position.

4. A shade or curtain fixture comprising a rod composed of telescopic sections, means for securing said sections in adjusted position, a fixed toothed clamping bracket upon the outer end of one rod section, a slidable toothed clamping bracket upon the other rod section, and means supported by the latter named rod section and operative to slide said slidable bracket inwardly thereon to adjust said bracket toward the fixed bracket.

5. A shade or curtain fixture comprising a rod composed of telescopic sections, means for securing the sections in adjusted position, a clamping member upon one of the rod sections, a coacting clamping member slidably

mounted on the other rod section and having a slotted arm, a pivot pin mounted on said rod section and in said slotted arm, and a cam mounted upon said pin to bear against
5 said bracket for adjusting the same on its rod section and relatively adjusting the two clamping brackets to throw them into and out of clamping engagement.

6. In a fixture of the character described,
10 the combination of a supporting rod, means for securing the same to a door or window frame, and supporting brackets comprising body portions adapted to fit down between the rod and frame and having hooked flanges
15 to engage said rod.

7. A shade or curtain fixture comprising a

rod, a fixed clamping bracket upon one end of the rod, a slidable clamping bracket upon the other end of the rod having a slotted arm extending parallel with said rod, a pin projecting laterally from the latter named end
20 of the rod into said slotted arm, and a cam pivotally mounted upon said pin between the rod and arm and operative to engage and slide said slidable bracket. 25

In testimony whereof I affix my signature in presence of two witnesses.

OLLIE C. PATTON.

Witnesses:

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