No. 656,604. Patented Aug. 21, 1900.

F. HYSERT.

CURTAIN FIXTURE.

(Application filed Apr. 12, 1900.)

(No Model.) 2 Sheets—Sheet 1.

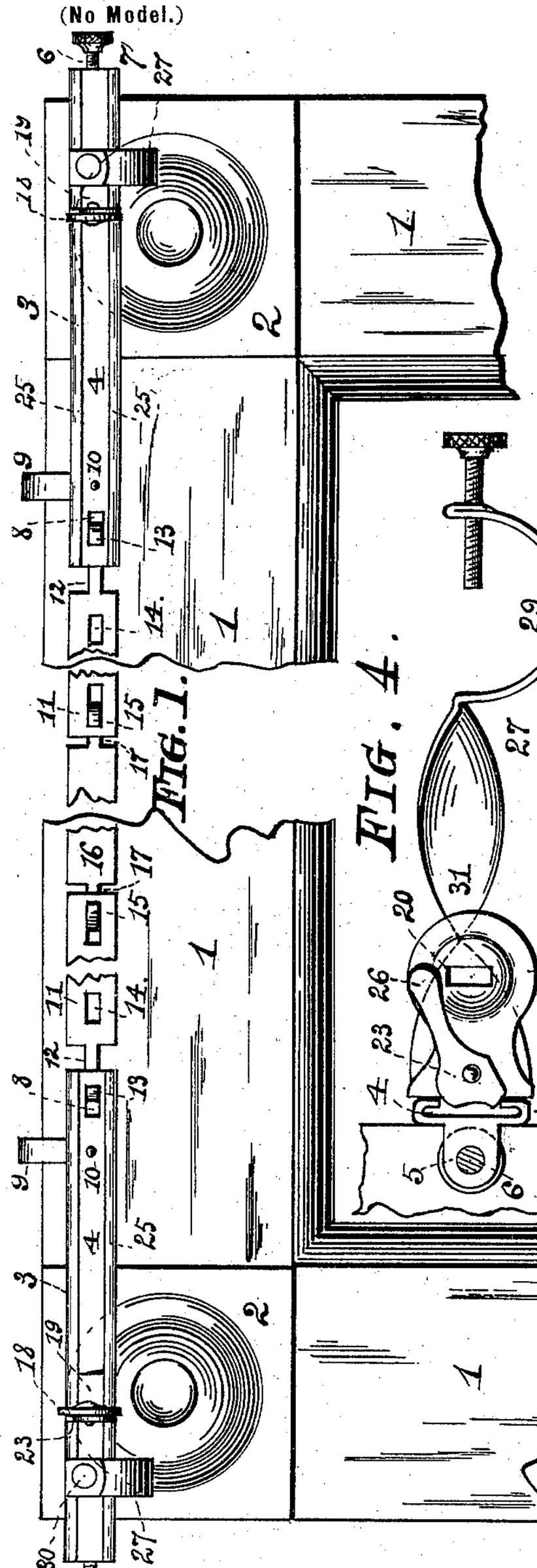


FIG. 1.

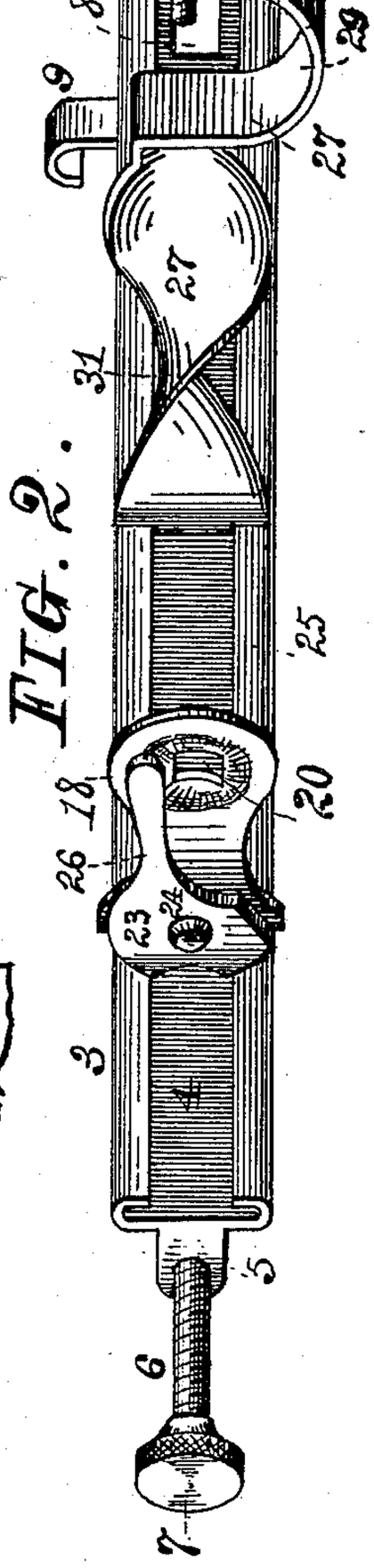


FIG. 4.

FIG. 2.

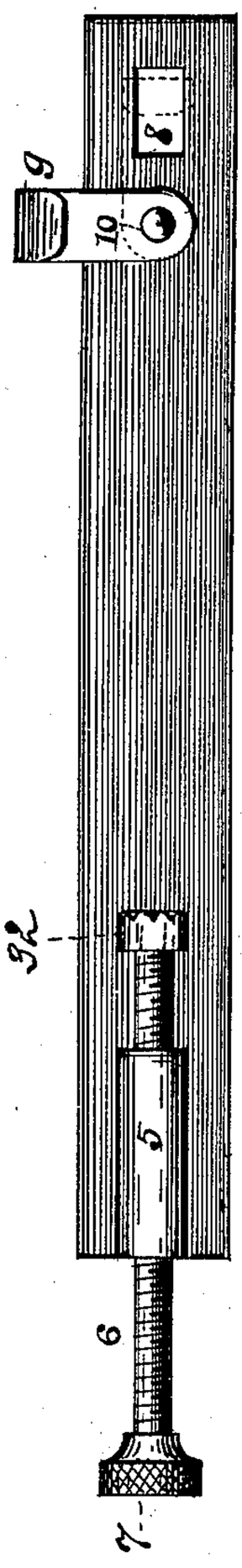


FIG. 3.

Witnesses:

Julian Stark.

Al. Starke

Inventor:

Frank Hysert,

By Michael J. Stark & Sons,

Attorneys.

No. 656,604.

Patented Aug. 21, 1900.

F. HYSERT.

CURTAIN FIXTURE.

(Application filed Apr. 12, 1900.)

(No Model.)

2 Sheets—Sheet 2.

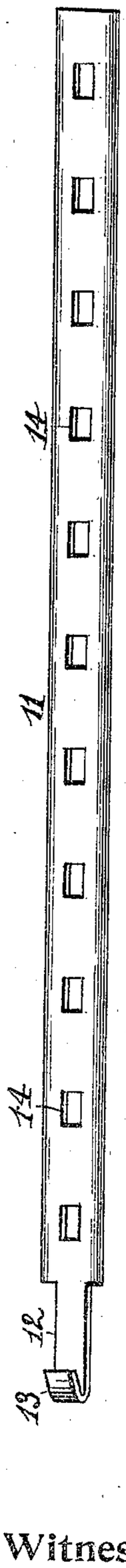


FIG. 7.

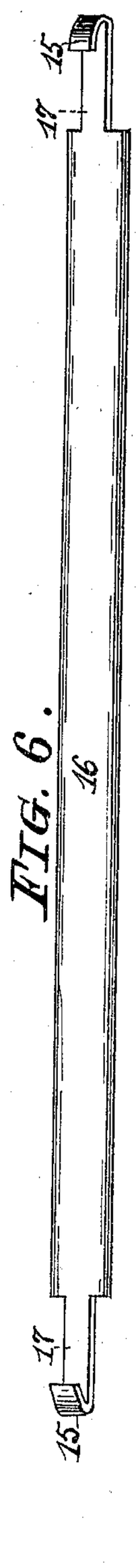


FIG. 6.

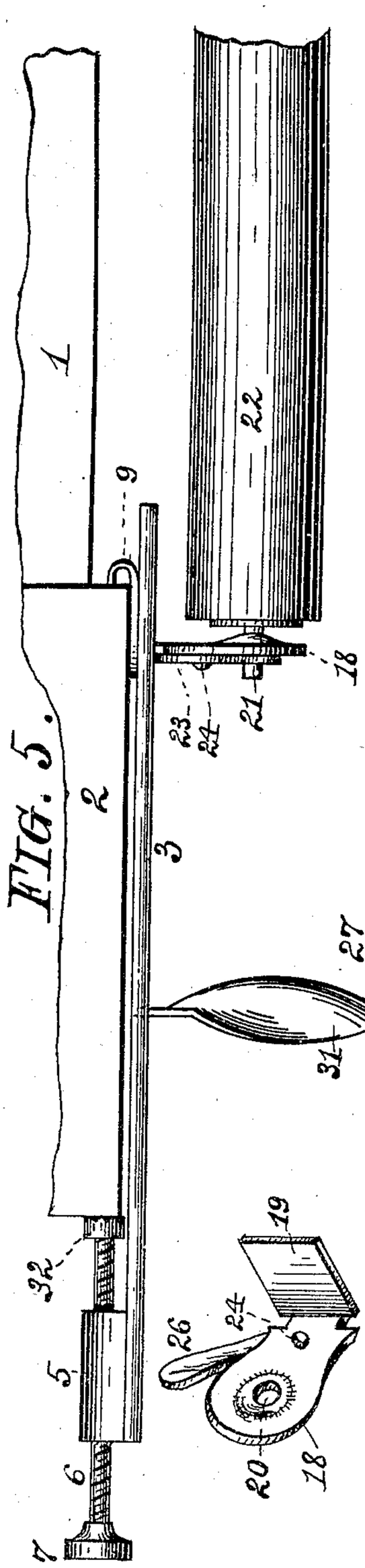
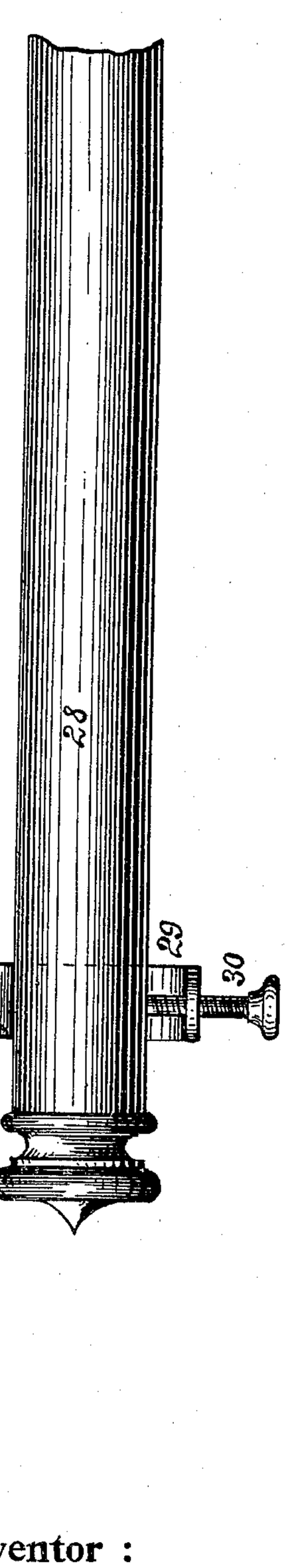


FIG. 5.

FIG. 8.



Witnesses:

Julian Stark

Al. Stark

Inventor:

Frank Hysert,

By Michael J. Stark & Sons,

Attorneys.

UNITED STATES PATENT OFFICE.

FRANK HYSERT, OF BUFFALO, NEW YORK, ASSIGNOR OF ONE-HALF TO JAMES ALEXANDER CLARK, OF SAME PLACE.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 656,604, dated August 21, 1900.

Application filed April 12, 1900. Serial No. 12,583. (No model.)

To all whom it may concern:

Be it known that I, FRANK HYSERT, a citizen of the United States, and a resident of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Curtain-Fixtures; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has general reference to improvements in curtain-fixtures; and it consists, essentially, in the novel and peculiar combination of parts and details of construction, as hereinafter first fully set forth and described and then pointed out in the claims.

In the drawings already referred to, which serve to illustrate this invention more fully, Figure 1 is an elevation of a window-casing, illustrating the application of this improved curtain-fixture. Fig. 2 is a perspective view of one of the guide-plates, showing the shade-roller and the curtain-rod brackets in position. Fig. 3 is a rear view of the same. Fig. 4 is an end elevation of the device illustrated in Fig. 2. Fig. 5 is a plan. Figs. 6 and 7 are plan views of the intermediary and the extension pieces, respectively. Fig. 8 is a perspective view of one of the shade-roller brackets detached.

Like parts are designated by corresponding symbols of reference in all the figures.

The object of this invention is the production of an efficient and serviceable window-shade and curtain fixture that shall be adapted for use on all the various styles of window-casings and that shall be capable of being readily applied thereto and removed therefrom.

The numeral 1 in the drawings represents the window-casing, and 2 the corner-pieces or rosettes thereof.

3 indicates a pair of guide-plates, one being used on the right and the other on the left side of the window-casing, and both being alike but one of them will be described. This guide-plate 3 consists, preferably, of a sheet-metal strip having its longitudinal edges folded over so as to produce a raceway 4, wherein the shade-roller and the curtain-rod brackets, hereinafter to be described, may readily slide. On the back of this guide-plate 3 there is a boss or projecting lug 5, having an internal screw-thread wherewith engages a fastening-screw 6, having a milled head 7 for convenience in manipulating said screw. Near the opposite end of this guide-plate 3 there is an oblong hole 8, while to the back and near this end of the guide-plate there is pivotally secured a hook 9 by means of the pivot 10, whereby said hook 9 may be revolved around its pivot 10 for the purpose hereinafter to be referred to.

11 indicates two extension-bars. They also being alike but one will be described. It consists of a flat strip of metal having one end reduced in width at 12 and formed into a hook 13, which is adapted to engage the oblong hole 8 in the guide-plate 3. In this extension-bar 11 there are a series of oblong holes 14, wherewith engages one of the hooks 15, formed at both ends of an intermediary bar 16, consisting of a flat strip of metal having both of its ends reduced in width at 17 and formed into the hooks 15 already mentioned.

18 indicates a pair of shade-roller brackets consisting, preferably, of sheet-metal pieces having the base part or portion 19 formed at right angles to the body of the bracket, so as to readily slide in the raceway 4 of the guide-plates 3, and in its body the usual circular or oblong hole 20, wherewith engages the pivots or journals 21 of the shade-roller 22, as clearly indicated in Figs. 5 and 8. To the face of this bracket 18 there is pivoted a double cam 23 by the pivot 24, said double cam 23 being adapted to engage the upper surfaces of the narrow edges or ledges 25 on the guide-plates 3, and thereby to securely lock the shade-roller bracket 18 in any position within the compass of the said guide-plates, a handle 26 on said double cam being provided for ease of manipulating the double-cam lever.

27 indicates a pair of curtain-pole brackets. They consist each of a flat piece of metal having one end bent at right angles, as indicated in dotted lines in Fig. 5, to engage the raceway 4 of the guide-plate 3 and the opposite end formed into U shape 29 to receive a curtain-

pole 28, which is securely held in position by a fastening-screw 30. This bar is twisted at 31 in order to strengthen the same.

It will now be observed that in window-casings where the rosettes 2 project beyond the facings of the casing, as shown in Fig. 5, or on window-casings where there are no projecting moldings this fixture is applied to the rosettes or the facings by turning the hook 9 into the horizontal position shown in Fig. 5 and indicated in dotted lines in Fig. 3, and by clamping the guide-plate 3 to the rosette by the fastening-screw 6, when the brackets 18 and 27 may be placed into the raceway 4 and adjusted and the bracket 18 may be clamped into position by the cam 23, after which the curtain-pole 28 and the shade-roller 22 may be placed into the said brackets. In window-casings in which there are projecting moldings or other parts which prevent the application of the guide-plates in the manner described I arrange the fixture by turning the hooks 9 so as to occupy the position shown in Figs. 2 and 3 and then hook the extension-bars to said guide-plates and also hook the intermediary bar 16 to the extension-bars, so that the fixture completely reaches across the entire window-casing, as shown in Fig. 1, adjustment for the length being made by using one or the other of the series of oblong holes 14 in the extension-bars 11 or by dispensing with one of the extension-bars and by hooking the intermediary bar 11 with one of its ends directly to one of the guide-plates and with the other end to the proper one of the oblong holes 14 in the extension-bar, so that as a matter of fact (the extension-bars being about ten inches long and the intermediary bar also about ten inches long) it is possible to vary the length of the complete fixture, so as to fit window-casings varying by inches from about ten to over thirty inches in width. In this condition the hooks 9 serve as suspending-hooks, while the fixture is fastened to the window-casing over the rosettes by the fastening-screws 6 in the manner already described. In order to prevent the fastening-screws 6 from forcing their ends into the wood, they may be provided with swiveling buttons 32, Figs. 3 and 5, of the usual and well-known construction.

One of the desirable features of this curtain and window-shade fixture is that it can be readily produced in sheet metal by means of suitable dies and that therefore it can be cheaply produced and sold at a reasonable figure. Another desirable feature of this device is its adaptability to all sizes and kinds of window-casings and the ease of their application to and removal from a window. Still another feature of this device is the adjustability to receive shade-rollers of different lengths, because the shade-roller brackets being made to slide within the raceway of the guide-plates allow of a difference in length of shade-rollers of over ten inches, while at the same time these brackets are quickly adjusted and securely held in position by the double cams 23 and as readily moved by manipulating said double-cam levers 23.

Having thus fully described this invention, I desire it to be understood that I do not wish to confine myself to the exact lengths of the extension and intermediary bars heretofore given, since they may be varied to accommodate different widths of window-casings.

I claim as new and desire to secure to me by Letters Patent of the United States—

1. A combined window-shade and curtain fixture, consisting, essentially, of two similar guide-plates having raceways as described, projecting bosses having fastening-screws said bosses being located at the back of said guide-plates, hooks pivotally secured to said guide-plates, and shade-roller brackets adapted to slide in said raceways and to be adjustably secured therein, as set forth.

2. A combined window-shade and curtain fixture, consisting, essentially, of two similar guide-plates having raceways as described, suitable fastening-screws on said guide-plates, oblong openings in said guide-plates, one or more extension-bars having a hook on one end and a series of oblong openings as set forth, and an intermediary bar having hooks on both ends adapted to engage the oblong holes in said extension-bars and the guide-plates and suitable brackets to support the shade-roller and curtain-pole respectively, as described.

3. In a curtain-fixture, a guide-plate having a raceway as described, a boss on the back and on one end of said guide-plate, a fastening-screw in said boss, a pivoted hook at the opposite end of said guide-plate, a shade-roller bracket having a base adapted to slide in the raceway, and a double-cam lever pivoted to the side of said bracket and adapted to bear upon the ledges of the said raceway to adjustably secure said bracket to said guide-plate, as specified.

4. In a curtain-fixture, a guide-plate consisting of a sheet-metal strip having its longitudinal edges folded over to form a raceway, a boss on one end of said guide-plate, a fastening-screw in said boss, a pivoted hook at the opposite end of said guide-plate, and an oblong opening in said guide-plate near the opposite end of said plate, and suitable brackets to support the shade-roller and the curtain-pole, as set forth.

In testimony that I claim the foregoing as my invention I have hereunto set my hand in the presence of two subscribing witnesses.

FRANK HYSERT.

Attest:

MICHAEL J. STARK,
JAMES A. CLARK.