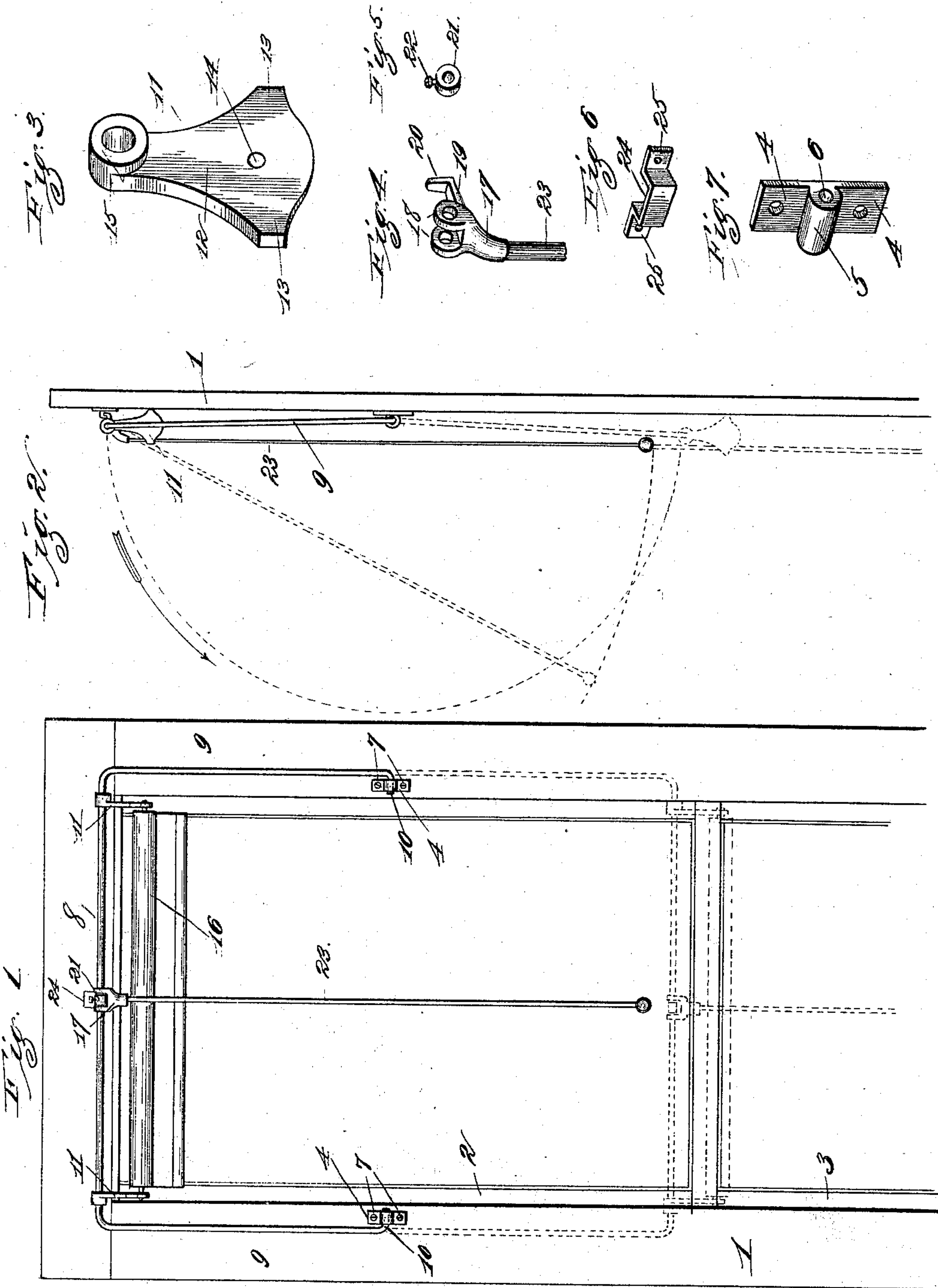


(No Model.)

H. M. STURGIS.  
ADJUSTABLE WINDOW CURTAIN FIXTURE.

No. 544,938.

Patented Aug. 20, 1895.



Attest  
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# UNITED STATES PATENT OFFICE.

HERBERT M. STURGIS, OF ST. LOUIS, MISSOURI.

## ADJUSTABLE WINDOW-CURTAIN FIXTURE.

SPECIFICATION forming part of Letters Patent No. 544,938, dated August 20, 1895.

Application filed March 27, 1895. Serial No. 543,327. (No model.)

*To all whom it may concern:*

Be it known that I, HERBERT M. STURGIS, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Adjustable Window-Curtain Fixtures, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved adjustable window-curtain fixture; and it consists in the novel construction, combination, and arrangement of parts hereinafter described and claimed.

In the drawings, Figure 1 is a front elevation of a window, the same having my improved fixture applied thereto. Fig. 2 is a side elevation of the inner face of a window to which my fixture is applied, dotted lines in this view showing the positions assumed by the various parts when located in other than their normal positions. Fig. 3 is a view in perspective of one of a pair of pivoted hangers of which I make use in carrying out my invention. Fig. 4 is a view in perspective of a catch that is located upon the upper end of an operating rod or handle. Fig. 5 is a view in perspective of a collar used in retaining this catch in proper position upon the cross-arm. Fig. 6 is a view in perspective of a metallic loop with which the catch shown in Fig. 4 engages. Fig. 7 is a view in perspective of one of a pair of plates to which the swinging frame is pivoted.

Referring by numerals to the accompanying drawings, 1 indicates the window-frame and 2 and 3 the upper and lower sash, respectively, that are located in said frame in the ordinary manner.

Metallic plates 4 have projecting from their front sides integral lugs 5, through which are horizontal perforations 6. The ends of these plates 4 are perforated, and said plates are located one on each of the side portions of the window-casing at points in alignment with the vertical center of the upper sash 2, and said plates are securely held in their proper positions by means of screws 7 passing through the perforations in the ends of said plates.

8 indicates the horizontal portion of a swinging frame, the side portions 9 of which are

bent vertically downward, and the lower ends 10 of said side portions 9 are bent inwardly and are held to move freely in the horizontal perforations or bearings 6 formed in the integral lugs 5. Upon the horizontal portion 8 of this swinging frame are located the hangers 11, which comprise plates 12, from the opposite sides of which extend integral ears or projections 13. In the centers of these plates are formed perforations 14, which form bearings for the ends of the shafts or trunnions of the curtain-roller. To the upper ends of these plates 12 are formed bearings 15, through which pass the horizontal portion 8 of the frame. The window-curtain, that is wound in the ordinary manner upon the curtain-roller, is indicated by the numeral 16.

Located upon the horizontal portion 8 of the swinging frame, at a point near the center thereof, is a catch 17, from the body portion of which extend upwardly-perforated ears 18, whereby said catch is held to freely swing upon said horizontal portion 8, and formed integral with the body portion of said catch 17 and extending laterally therefrom is an arm 19, the outer end 20 of which extends vertically upward. By means of a collar 21, located upon the horizontal portion 8 of the frame, between the perforated ears 18, and fixed thereto by means of a set-screw 22, this catch 17 is prevented from any lateral movement along the horizontal portion 8 of the swinging frame. A metallic rod or handle 23 has its upper end screw-threaded and located in the lower end of the catch 17, said rod or handle extending downwardly to a point where it may be conveniently reached.

24 indicates a loop that is provided with perforated ears 25, by means of which said loop is located upon the top portion of the window-frame 1, directly in the rear of the point where the catch 17 is normally located. This loop 24 projects outwardly a slight distance, in order that the upwardly-bent end 20 of the arm 19 may be caught and held thereby.

When the various parts are positioned as shown by solid lines in Figs. 1 and 2, the curtain 16 is free to be manipulated in the usual manner. When it is desired to bring the curtain and curtain-roller to their lower position, in order to cause the curtain to shade only the lower sash of the window, the opera-



tor grasps the lower end of the handle or rod 23 and moves the same outwardly to the position as shown by dotted lines in Fig. 2. In so doing the upturned end 20 of the arm 19 will be disengaged from the loop 24, and the entire frame and fixture are free to be swung downwardly in the direction of the arrow and as indicated by dotted lines in Fig. 2. When said fixture is thus swung downwardly, the curtain 16 will lie approximately in the same plane with the top rail of the lower sash 3, and said curtain may now be drawn so as to shade or cover said lower sash and leave the upper sash unshaded. When the fixture is either at its upper or lower position, the rear pair of ears 13 on the plates 12 engage against the window-frame and prevent the curtain from coming in contact with the window sash or glass.

When it is desired to elevate the fixture, the operator merely grasps the handle 23 and moves the same upwardly. With this movement the entire frame and curtain will be moved upwardly, describing the arc, as indicated by dotted lines in Fig. 2, until the horizontal portion 8 of the frame and curtain-roller come in contact with the window-frame and in the same plane with the upper rail of the upper sash. The lower end of the arm 23 is then moved outwardly, as heretofore described, and until the upturned end 20 of the arm 19 is free to engage beneath the loop 24. Said arm or handle 23 is now allowed to swing to a vertical position, and said upturned end 20 will be caught behind the loop 24, and the entire fixture will be very efficiently held in its upper position.

A device constructed in accordance with the foregoing description is extremely simple, can be applied to any window, and any of the various forms of curtain-rollers can be applied to said fixture. In the use of such a fixture

either the entire window or the lower half thereof may be shaded or covered by the curtain. Very often it is desirable that the lower portion of the window be covered or shaded by a curtain and the upper sash left free or uncovered. This may be very easily accomplished by using a device of my improved construction.

What I claim is—

1. A curtain fixture, comprising a frame pivoted to the window-frame at points midway between the ends of the upper sash, hangers loosely mounted upon the horizontal portion of said frame and constructed to carry the curtain-roller, a catch loosely mounted upon said horizontal portion of the frame, a loop fixed to the window-frame in which said catch engages, and an operating rod or handle fixed to and depending from said catch.

2. The combination of a pair of journal-bearings fixed to the interior faces of the window-frame at points approximately midway between the upper and lower ends of the top sash, a metallic swinging frame, the lower ends of which are journaled in said bearings, hangers loosely mounted upon the horizontal portion of said frame, a catch loosely mounted upon the center of said horizontal portion of the frame, a collar for retaining said catch in position, an operating rod fixed to and depending from said catch, a loop adapted to engage said catch, said loop being fixed to the window-frame, and a curtain-roller hung to operate in the usual manner between the hereinbefore mentioned hangers.

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

HERBERT M. STURGIS.

Witnesses:

M. G. IRION,  
JOHN C. HIGDON.