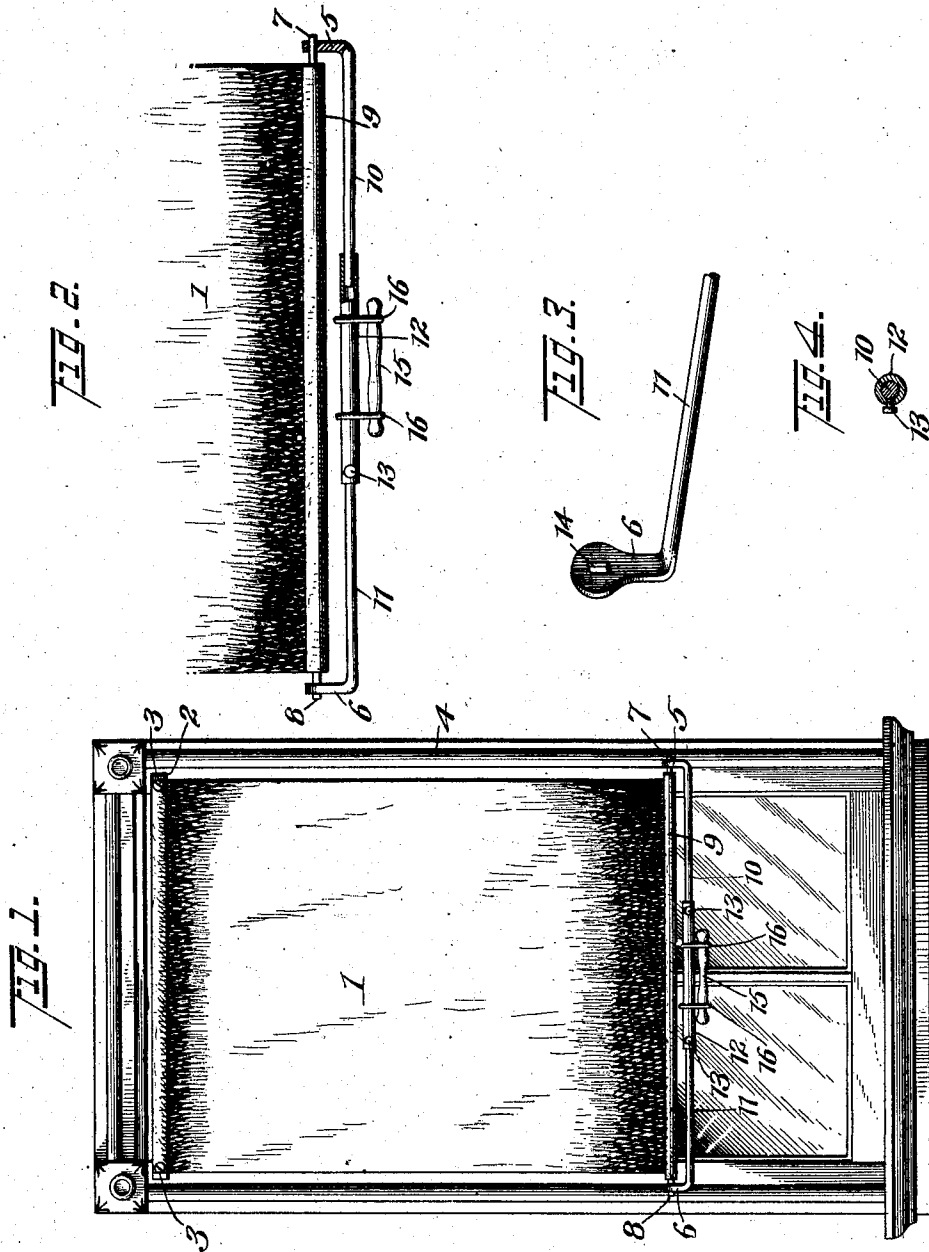


No. 827,151.

PATENTED JULY 31, 1906.

E. F. HENDERSON.
CURTAIN FIXTURE.

APPLICATION FILED SEPT. 23, 1905.



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EDWIN F. HENDERSON, OF WEST ALLIS, WISCONSIN.

CURTAIN-FIXTURE.

No. 827,151.

Specification of Letters Patent.

Patented July 31, 1906.

Application filed September 23, 1905. Serial No. 279,835.

To all whom it may concern:

Be it known that I, EDWIN F. HENDERSON, a citizen of the United States, residing at West Allis, in the county of Milwaukee and State of Wisconsin, have invented a new and useful Curtain-Fixture, of which the following is a specification.

The invention relates to improvements in curtain-fixtures.

The object of the present invention is to improve the construction of curtain-fixtures and to provide a simple, inexpensive, and efficient device adapted to be readily applied to an ordinary curtain-shade and capable of preventing the same from being torn, soiled, rumpled, or otherwise injured at the bottom and of thereby greatly increasing the life of a curtain.

A further object of the invention is to provide a device of this character adapted to enable a curtain or window shade to be quickly secured to a window without the use of brackets or similar devices and capable of ready adjustment to fit window-shades of different widths.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended, it being understood that various changes in the form, proportion, size, and minor details of construction within the scope of the claim may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is an elevation of a window provided with a curtain or shade fixture constructed in accordance with this invention. Fig. 2 is an enlarged elevation, partly in section, showing the device applied to the curtain or shade. Fig. 3 is a detail perspective view of one of the adjustable sections or members. Fig. 4 is a detail sectional view illustrating the manner of securing the sections in their adjustment.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a window-shade having its stick 2 at the top and secured by screws 3 or other suitable fastening devices to the top of a window 4. The fastening devices pierce the stick of the window-shade, which is adapted to be quickly secured to the window with-

out the use of brackets or similar means usually employed for this purpose. The spring-actuated shade-roller is arranged at the bottom of the window-shade and is connected with a substantially U-shaped curtain-fixture consisting of a horizontal portion and vertical arms of end portions 5 and 6, which receive the journals 7 and 8 of the spring-actuated roller of the window-shade. The horizontal portion of the curtain-fixture extends across the window and is spaced from the roll 9 at the bottom of the curtain, and in order that the fixture may be readily adjusted to window-shades of different widths it is preferably composed of side rods or members 10 and 11 and a central tubular connecting member 12, into which the rods or members 10 and 11 telescope. The side and central members may be round or any other shape in cross-section, and the central tubular member is provided at its ends with set-screws 13, mounted in threaded perforations of the central tubular member and engaging the inner portions of the side rods or members. The central adjusting device formed by the tubular member 12 and the set-screws is adapted to secure the side rods or members at any adjustment.

The arm 5 is preferably formed by bending the end of the rod upward and is provided with a circular aperture forming a bearing-opening for the round journal 7 of the spring-actuated shade-roller. The other arm 6, which is formed in a similar manner, is provided with a rectangular opening 14 for the reception of the journal 8, which is connected with the spring of the shade-roller. The curtain-fixture is adapted to be readily applied to and removed from the window-shade and when applied to the same is securely held in its adjustment and will not become accidentally disconnected from the shade.

The curtain-fixture is provided with a central depending handle 15, consisting of a short piece spaced from the central tubular member 12 and connected with the same by links 16. Any other suitable handle may be provided, as will be readily understood. The weight of the curtain-fixture and the roll of window-shade will maintain the latter perfectly smooth, and by reversing the shade and mounting the roller in the bottom fixture the wear at the bottom to which window-shades are usually subjected is prevented, and as it is not necessary to grasp the shade in adjusting the same it will not be-

come soiled, and the life of a window-shade is greatly increased.

Having thus fully described my invention, what I claim as new, and desire to secure by
5 Letters Patent, is—

The combination with a window-shade secured at one end to the top of a window and provided at its other end with a spring-roller located at the bottom of the shade, of a bot-
10 tom curtain - fixture located beneath the shade and spaced from and arranged entirely out of contact with the same, and composed of side rods provided at their outer ends with bearings receiving the journals of the roller,
15 a central tubular member adjustably receiv-

ing the rods to vary the length of the curtain-fixture, adjusting means located at the ends of the tubular member and engaging the rods for rigidly securing the latter in their ad-
justment, and a central handle also con- 20 nected with the tubular member and located between the said adjusting means.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

EDWIN F. HENDERSON.

Witnesses:

O. R. TOWER,
H. T. W. COOK.