Lamberson & Morton,

Curtain Fixture.

No. 52,296. Patented Jan. 30, 1866.

Fig. 2.

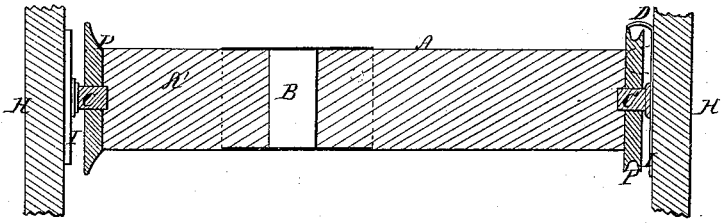
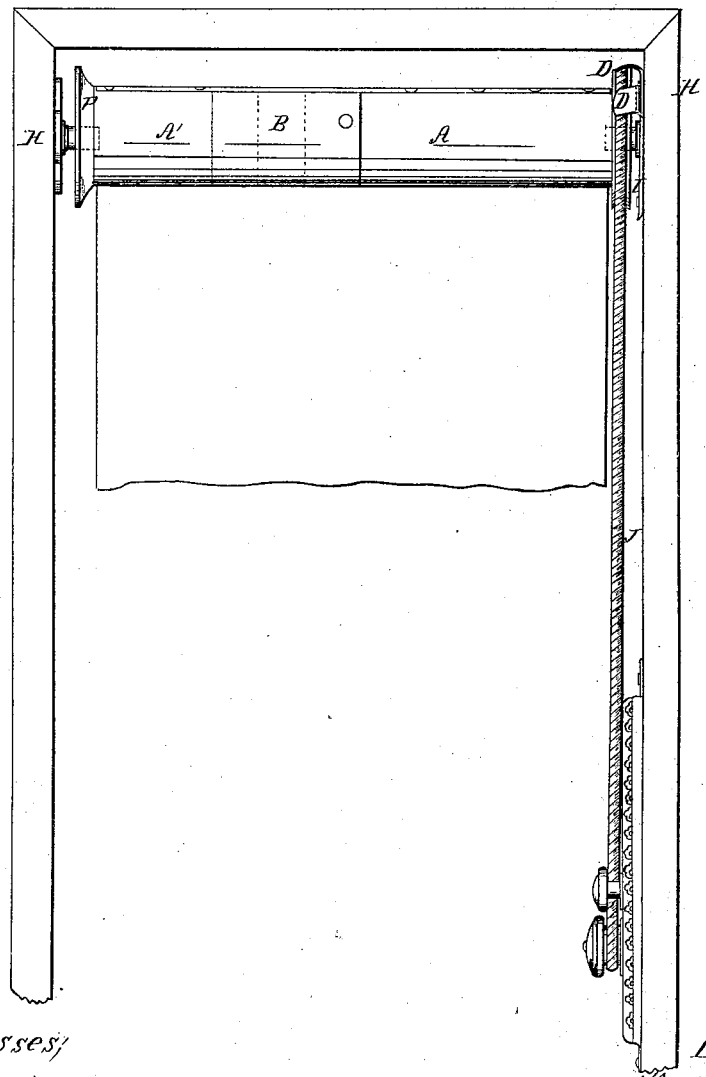


Fig. 1



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UNITED STATES PATENT OFFICE.

WILLIAM A. LAMBERSON AND THOMAS O. MORTON, OF NEW YORK, N. Y.

CURTAIN-FIXTURE.

Specification forming part of Letters Patent No. **52,296**, dated January 30, 1866.

To all whom it may concern:

Be it known that we, WILLIAM A. LAMBERSON and THOMAS O. MORTON, of the city and county and State of New York, have invented certain new and useful Improvements in Shade-Fixtures; and we do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a front elevation of a window with our improvement applied thereto, and Fig. 2 is a longitudinal section through the roller upon which the shade is raised and lowered.

This invention consists in a novel method of making and applying the shade-roller in the window-frame, and the following description will enable any one skilled in the art to which it appertains to make and use the same.

Similar letters of reference represent corresponding parts of the different figures of the annexed drawings.

This improvement consists in making the shade-roller in two parts or sections and uniting the respective parts or sections by means of a ferrule or sleeve made of thin sheet metal.

A′ A represent the two parts of the roller, and B the ferrule by which they are united. This ferrule is made fast onto the end of the section A, and arranged so as to project about two-thirds of the way over the end of said section, thus leaving room for the end of section A′ to slip into the end of the ferrule in the manner shown. After the two parts of the roller have been thus made and united the shade is tacked thereto in the ordinary manner, leaving the end of section A′ loose in the ferrule, that it may be slipped farther toward the ends of section A, by which means the roller can be made longer or shorter at pleasure. Now, the object in making the roller in this way is two-fold: First, because it is much more readily adjusted to the different windows; and, second, because it enables us to make the pivot C upon the bracket I, fastened to the window-frame, instead of upon the end flanges, P, of the roller, as has been the practice heretofore, for by means of the ferrule the length of the roller can be contracted so as to get it between the pivot-bearings, when it can be again lengthened to the full width of the shade, and at the same time hung upon the pivots in the manner shown in the drawings, where it is secured by means of a tack driven through the ferrule in the roller; and our improvement consists in making a guard, D, on the pivot-bracket to keep the cord from running off the pulley. This guard consists of a projection made on the bracket, and so arranged in relation to the pulley as to keep the cord from running off of it. The drawings sufficiently illustrate the manner in which this guard is made and arranged.

It will be seen that the object of our invention is to avoid the open space which usually occurs between the side of the shade and the inside of the window-frame, and that we effect this object by making the shade-roller longer in proportion to the width of the window than has heretofore been the practice, by which the side of the shade can be brought up close to the inside of the frame; and that we are enabled to use a longer roller by introducing the bearing-pivots in the ends of the roller instead of making them on the roller-flanges, as heretofore; and that we are enabled to get the pivots in the ends of the roller by making it in sections, by which its length can be contracted or extended, as the case may require.

Having now described the nature and extent of our invention, what we claim as new, and desire to secure by Letters Patent, is—

The roller A′ A and ferrule B, the pivot C, the bracket I, and the fender D, when the whole of these parts are made and arranged in relation to each other substantially as set forth.

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THOS. O. MORTON.

Witnesses:
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