

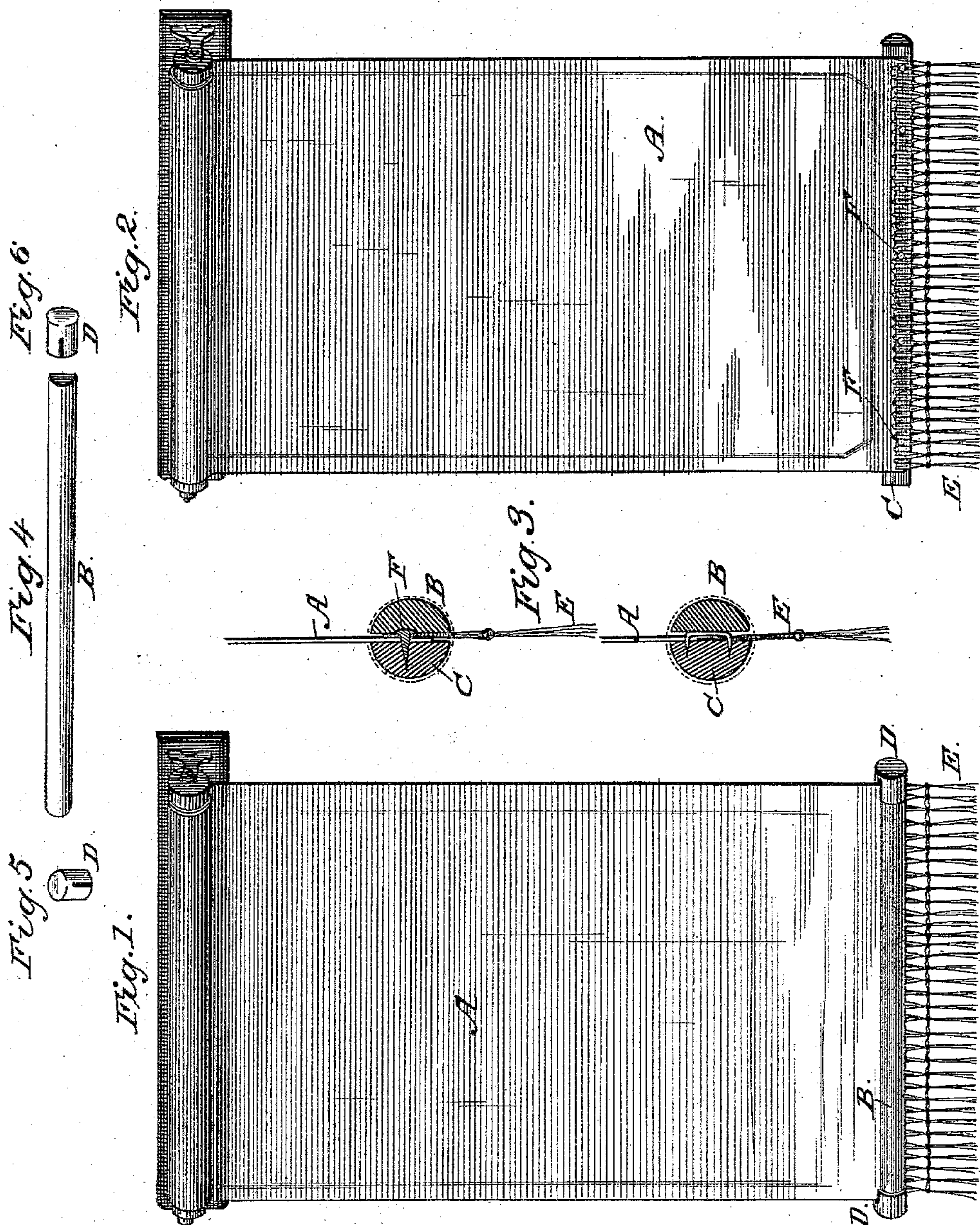
(No Model.)

W. T. ESTBERG.

WINDOW SHADE.

No. 288,043.

Patented Nov. 6, 1883.



WITNESSES:

*Hed. H. Dieterich.*  
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# UNITED STATES PATENT OFFICE.

WILLIAM T. ESTBERG, OF BROOKLYN, NEW YORK.

## WINDOW-SHADE.

SPECIFICATION forming part of Letters Patent No. 288,043, dated November 6, 1883.

Application filed August 23, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM T. ESTBERG, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Window-Shades; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved window-shade complete. Fig. 2 is a similar view, showing the half part of the bottom rod removed. Fig. 3 is a cross-section through the lower part of the shade, with its rod and fringe, and Figs. 4, 5, and 6 are detail views.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to that class of bottom slats for shades which consist of halves of a slat secured together by slotted caps at their end; and it consists in the improved method or manner of securing the shade and a fringe by means of a series of tacks and such a slat, and in combination of said parts, as hereinafter more fully described and claimed.

In the accompanying drawings, A denotes the shade, which may be of any desired material adapted for the purpose.

The rod or weight at the lower end of the curtain consists of a cylindrical bar cut into halves through the middle, as shown at B and C. The lower part of the curtain, after this has been cut off to the proper length, is tacked to the part C by short tacks F, which serve the double purpose of fixing the curtain upon the part C, and also of fixing the fringe E upon

the same, thus avoiding the necessity of stitching the fringe to the lower end of the curtain. After the fringe and the lower end of the shade or curtain have been fastened together in this manner and to the part C, the other half part, B, is placed over it, so as to conceal the joint between the shade and the fringe from view, and also conceal the heads of the tacks F. A few headless tacks or brads may then, if desired, be driven through the part B and into the opposite part, C, so as to connect the halves firmly together, after which the metallic caps D are placed over the ends of the rod B C, said caps being slotted, so as to admit of their insertion upon the rod without interfering with the edges of the shade and fringe.

I am aware that it is not new to make the bottom slats or the rollers of window-shades in halves provided with spurs to hold the curtain and connected by caps placed over their ends, and I do not desire to claim such construction; but

What I claim, and desire to secure by Letters Patent of the United States, is—

The combination of a shade, a fringe, a longitudinally-divided bottom slat, a series of tacks securing the lower edge of the shade and the upper edge of the fringe to the inner side of one half of the slat, and means, substantially as described, for securing the halves of the slat together, as and for the purpose shown and set forth.

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

WILLIAM T. ESTBERG.

Witnesses:

LOUIS BAGGER,  
AUGUST PETERSON.