

J. F. W. FAWCETT.
WINDOW-BLIND.

No. 191,951.

Patented June 12, 1877.

Fig. 1.

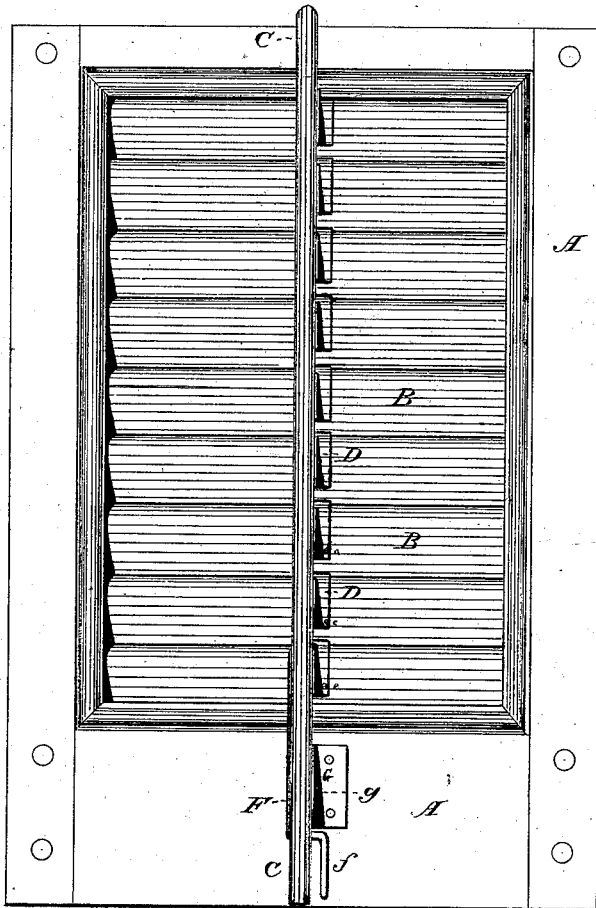
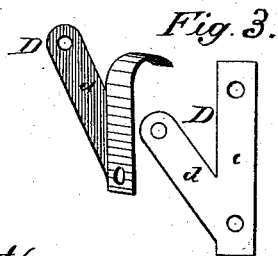
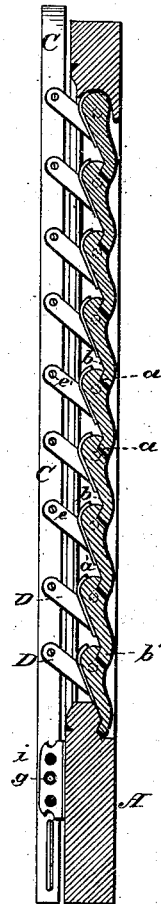


Fig. 2.



Attest:

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UNITED STATES PATENT OFFICE

JOHN F. W. FAWCETT, OF CEDAR SPRINGS, MICHIGAN.

IMPROVEMENT IN WINDOW-BLINDS.

Specification forming part of Letters Patent No. 191,951, dated June 12, 1877; application filed March 20, 1877.

To all whom it may concern:

Be it known that I, JOHN F. W. FAWCETT, of Cedar Springs, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Window-Blinds; and I do hereby declare that the following is a full, clear, and exact description thereof, 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, and to the letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a plan view. Fig. 2 is a cross-section. Fig. 3 shows, in perspective, the fastener by which the operating-rod is connected to the blind-slats.

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

This invention relates to certain improvements in window-blinds; and it consists in the construction and arrangement of parts hereinafter more fully shown and described.

In the drawings, A is the frame of the blind. B B are the slats, which are pivoted, in the usual manner, in the sides of frame A. The upper outer and lower inner sides or corners of slats B have recesses *a b*, (shown in the cross-section, Fig. 2,) and the body of each slat is curved in such a manner that the lower edge *b'* of each slat shall fit into the recess *a* of the one next below, while the upper edge *a'* of each slat shall fit into the recess *b* of the one above. In this manner the slats, when closed, are so completely interlocked as to exclude not only every ray of light, but also wind, dust, rain, and snow. C is the rod by which the slats B B are operated. It is secured to the slats by means of the fasteners D, which are shown in detail in Fig. 4 of the drawings. They consist, each, of a metallic

plate, the body of which, *c*, is simply a narrow square strip, having upon the side a projection or ear, *d*. This latter is bent at a right angle to the body *c*, after the line *x x*, thus forming a bracket, the end of which is provided with a perforation. The two ends of the body-plate *c* are also perforated, and the plate is then curved so as fit upon the upper side of the slat B, as shown in Fig. 1. The fasteners D are secured to the slats by screws *e e*, passing through the perforations in plate *c*. After providing all the slats with fasteners the rod C is secured to each fastener, and thus to each slat, by screws *e'*, passing through the perforations in brackets *d*, and serving as pivots, by which the brackets turn upon the rod when this latter is operated.

The operation and advantages of my invention will be readily understood from the foregoing description. The shape of the blind-slats and the manner in which they interlock make the blind perfectly close, if desired.

The fasteners D, being made of sheet metal, can be easily adjusted upon the rounded upper edges of the slats. They are cheap, convenient, and cause the slats to operate easily and without rattling.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The fastener D, herein described, consisting of curved body-plate *c* and ear or bracket *d*, the latter bent at a right angle to the former, substantially as and for the purpose set forth.

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

JOHN F. W. FAWCETT.

Witnesses:

J. O. BENEDICT,
E. R. BENEDICT.