(No Model.)

J. B. HARTMAN.

SLIDING WINDOW BLIND.

No. 368,530. Patented Aug. 16, 1887.

Fig. 1.

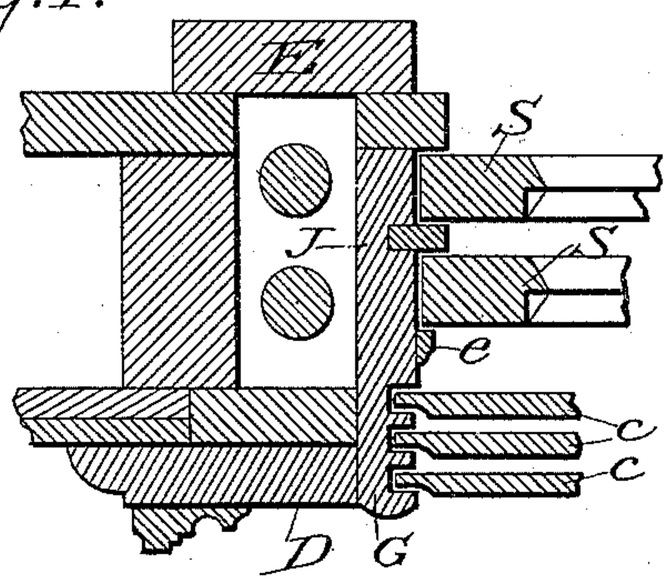


Fig. 2.

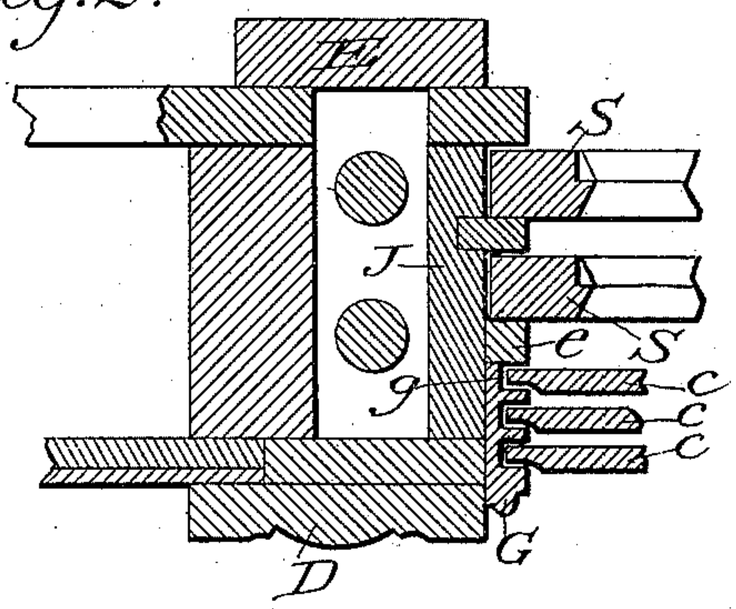


Fig. 3.

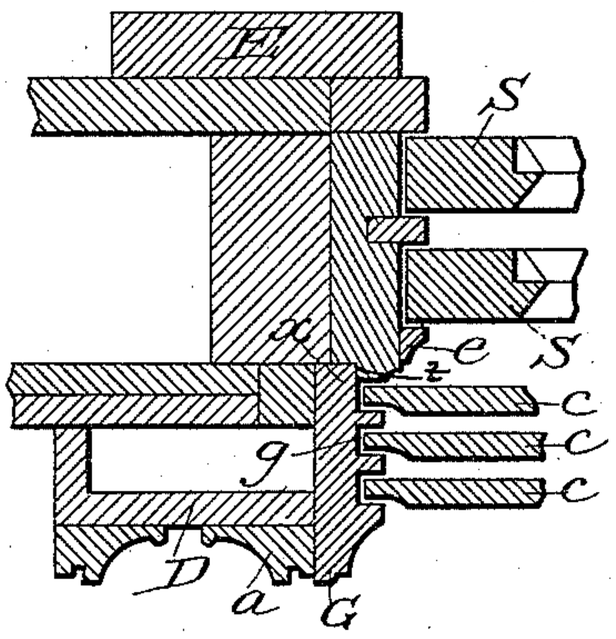


Fig. 4.

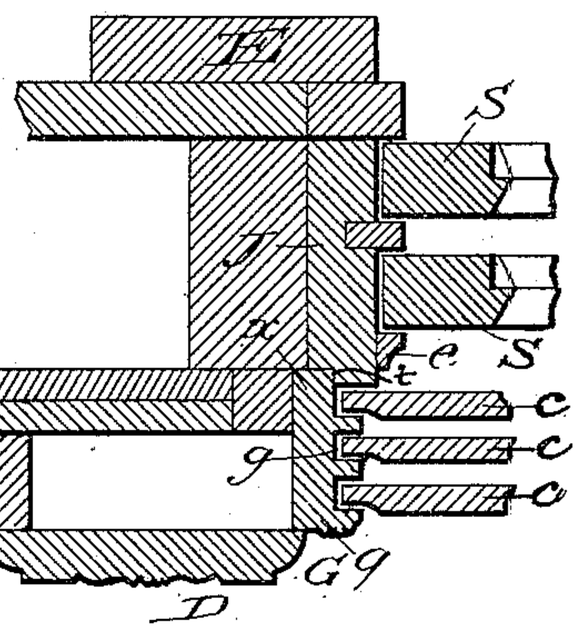
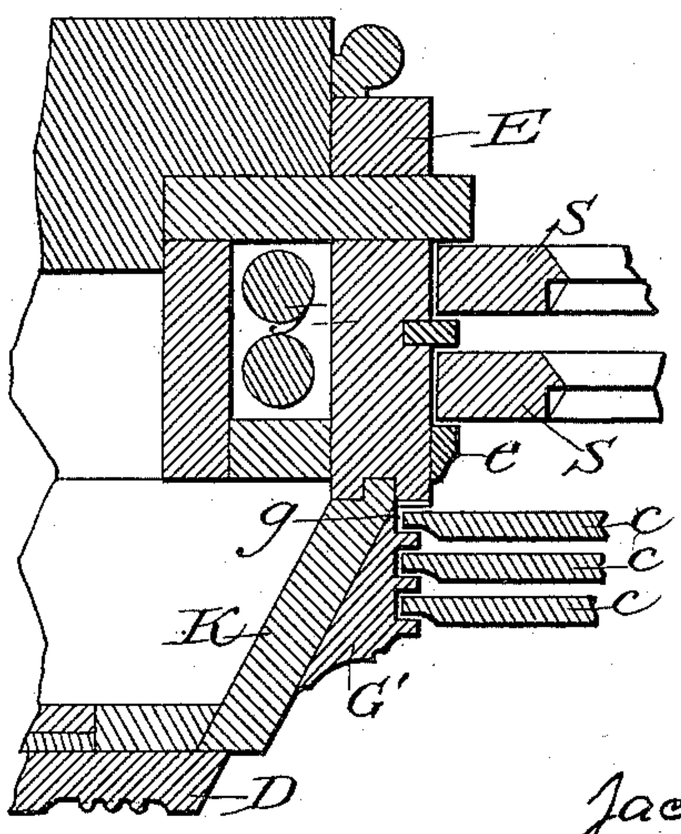


Fig. 5.



Witnesses:
Lucius Flattery
Mahlon C. Bouck.

Inventor:
Jacob. B. Hartman
per. H. B. Swartz Atty

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JACOB B. HARTMAN, OF WOOSTER, OHIO.

SLIDING WINDOW-BLIND.

SPECIFICATION forming part of Letters Patent No. 368,530, dated August 16, 1887.

Application filed January 22, 1886. Serial No. 189,419. (No model.)

To all whom it may concern:

Be it known that I, JACOB B. HARTMAN, a citizen of the United States, residing at Wooster, in the county of Wayne and State of Ohio, have invented a new and useful Sliding Window-Blind, of which the following is a specification.

My invention relates to inside window-blinds, and especially to improved devices for securing and operating the same within the window-frame; and it consists in the novel manner of attaching grooved guide-strips to the window-frame, and in the novel manner of attaching the guide-strips when the window-jambs are too narrow to sustain the same within the frame.

My improvements are illustrated by the accompanying drawings, in which Figure 1 is a horizontal sectional view of one side of a window-frame, showing a jamb and grooved guide for the blinds formed of one piece. Fig. 2 is a similar sectional view showing my improved guide-strip. Fig. 3 is a modified view of the same, showing my improved method of attaching the guide-strip where the jambs are too narrow to sustain the same. Fig. 4 is a modified view of the same, showing my improved method of attaching the guide-strip by boxing out the inside casing upon the same. Fig. 5 is a modification showing my improved guide-strip attached to a beveled or flared jamb.

The opposite sides of the window-frame are of course duplicates of each other; hence only one side need be described.

In the drawings similar letters of reference indicate like parts.

J is one of the jambs of an ordinary window-frame; E, the outside casing; D, the inside casing. G is my improved guide-strip. S are the sashes; *e*, the inside sash-stop; and *c* are the series of sliding blinds which are fitted to slide in the grooves of the guide-strips G. The grooves of one of these guide-strips are made deeper than the grooves of the opposite guide-strip, as heretofore. Heretofore such grooves were all cut alike.

My improvement lies in cutting the rear groove of the guide in the edge of the same in the form of a rabbet, *g*, adjacent to the sashes, thus leaving the one side of such rear groove open, the groove being completed by the projecting edge of the jamb or the sash-stop, as the case may be, against which the guide-strip may be placed. By such means I am able to bring the series of sliding blind-sections closer to the sashes than heretofore, and in cases where the guide is placed back of the front surface of the jamb the rabbeted edge *x* aforesaid may be secured in a corresponding recess, *t*, in the edge of the jamb J, and thereby more effectually secure the same. This form of guide-strip may be readily adapted to any form of window-frame. In cases where the inner jamb or casing is beveled or flared, as is generally the case in brick buildings, the guide is beveled upon its rear side to fit the bevel of the casing, as shown in Fig. 5. Heretofore such guides have only been placed upon the window-jamb or set back, so that the face of the same is flush with the face of the jamb. It will be seen that the grooved guide-strips G are placed back of the front surface of the jambs, respectively, as shown, Figs. 3, 4, 5, thereby giving a better opening for the light, and adapting such blinds to be used with window-shades placed between them and the sashes—a feature very desirable in many cases.

By the use of my invention I am enabled to adapt a guide-strip to a narrow jamb. This I accomplish by extending the front edge of the guide-strip beyond the front surface of the inside casing, D, Fig. 3, sufficient to afford the room required for the blinds, and placing a beaded strip or molding, *a*, in the angle formed by the front surface of the inside casing and the extended guide-strip, thereby giving strength and beauty of finish to the parts. I also accomplish a similar purpose where the case requires still wider jambs by boxing out the inside casing upon the front edge of the guide-strip, as shown, Fig. 4, thereby forming a finish in the nature of a pilaster on each side of the window, which is highly ornamental. This pilaster may of course be formed in a variety of ways, the feature I claim being confined to such extended guide-strip in combination with the inner casing boxed out to support the same. It will be further seen that I can form the window-jamb and grooved guide-strip G of one piece. Such I use where the sashes are set back in the frame sufficient to give room inside the sashes for the grooves, as shown, Fig. 1. In such case the usual window-stops may be used. The grooves being made with the

frame, the arrangement is simple and less expensive than by the use of a separate guide-strip, as heretofore.

Having thus described my invention, what I claim is—

1. The combination, with a window-frame, of grooved guide-strip G, attached to the jamb so that its outer or front surface is back of the front or outer surface of the jamb J, and a series of blinds fitted to slide therein, substantially as set forth.

2. The combination, with a window-frame, of grooved guide-strips G, having their front surfaces back of the front surfaces of the jambs, respectively, and their projecting rear edges, *x*, set behind the front edges of the jambs, and a series of blinds fitted to slide therein, substantially as set forth.

3. The combination, with a window-frame, of grooved guide-strips G, projecting forwardly and extended beyond the front surface of the inner casing, D, and the supporting-strip *a*, set in the angle formed by the junction of such guide-strip and casing, and a series of blinds fitted to slide in said grooves, substantially as set forth.

In testimony whereof I hereunto set my hand in presence of two witnesses.

JACOB B. HARTMAN.

Witnesses:

J. F. LARWITT,

HIRAM B. SWARTZ.