

(No Model.)

S. E. ADAMSON.

BLIND SLAT.

No. 268,847.

Patented Dec. 12, 1882.

FIG. 1.

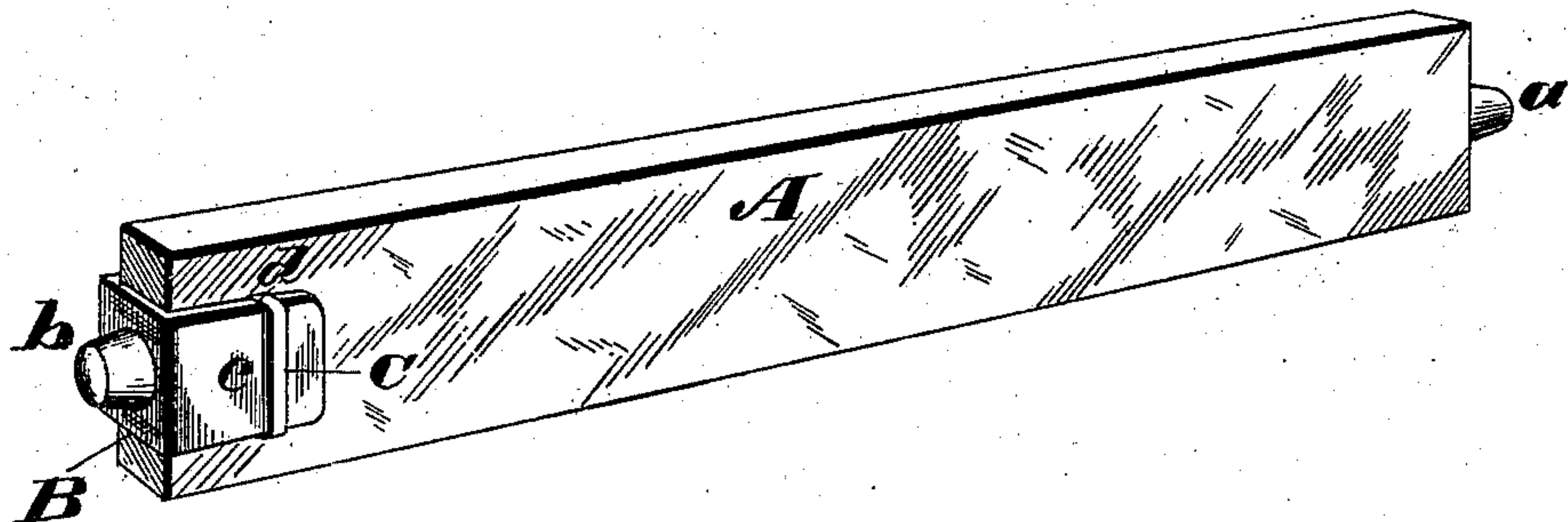
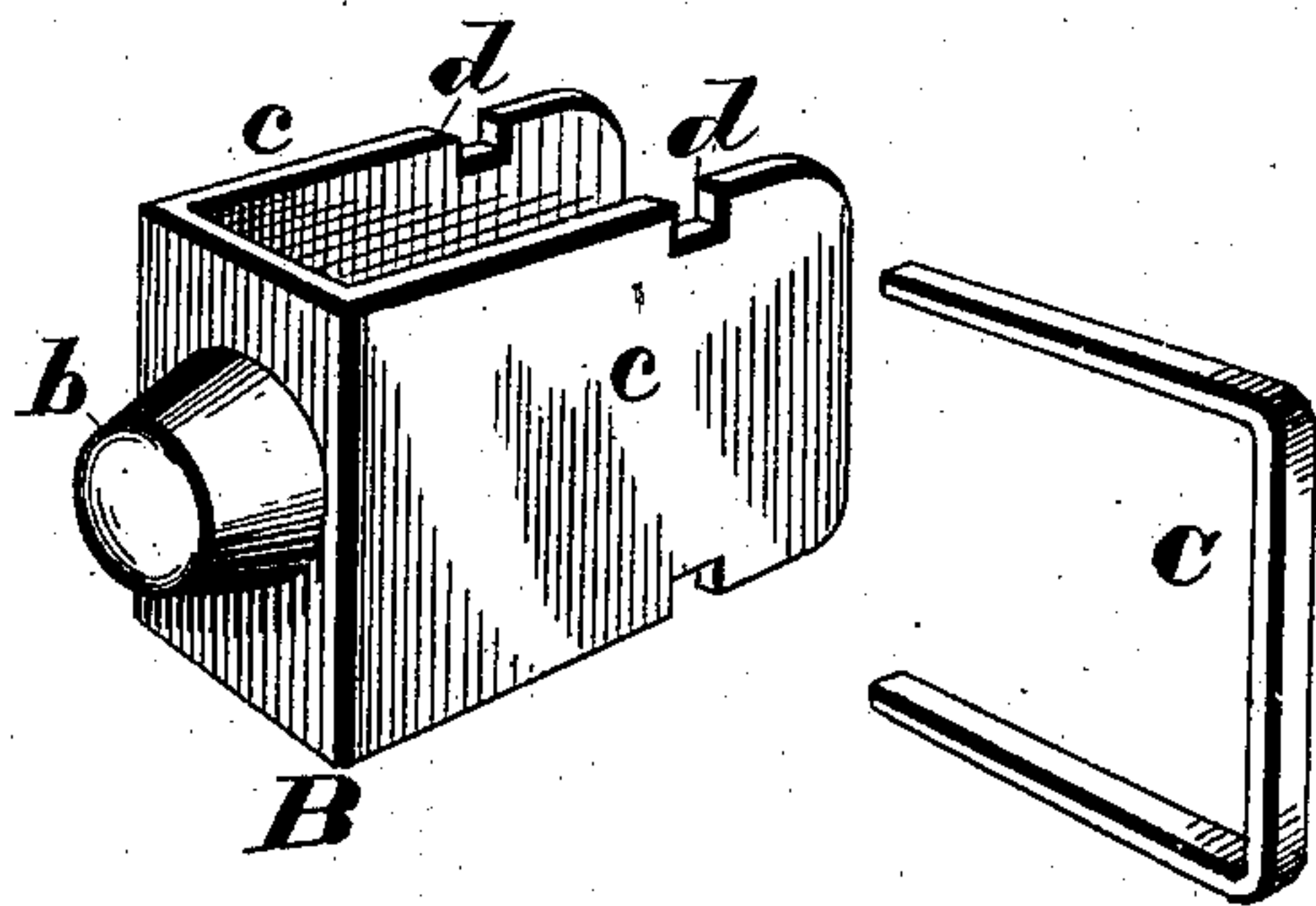


FIG. 2.



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# UNITED STATES PATENT OFFICE.

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## BLIND-SLAT.

SPECIFICATION forming part of Letters Patent No. 268,847, dated December 12, 1882.

Application filed April 25, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, S. E. ADAMSON, of Stapleton, in the county of Richmond and State of New York, have invented certain new and useful Improvements in Blind-Slat Tenons; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to an improvement in blind-slat tenons, the object of the same being to provide a simple inexpensive device adapted more particularly for use in mending either outside or inside blinds, where the pivots of the slats have been broken or become inoperative by reason of rotting of the same.

A further object of my invention is to provide a device adapted to be attached to any size or style of slat without the aid of skilled labor; and with these ends in view my invention consists in certain details in construction and combinations of parts, as will be more fully hereinafter explained, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective, showing the tenon in position; and Fig. 2 is a detached view of the tenon and clasp.

A represents a blind-slat of the ordinary construction, formed at one end with the common wooden pivot *a*, and provided at the opposite end with my improved metallic tenon B, which has been secured thereon to take the place of the broken wooden pivot. This tenon B is made from a single piece of sheet metal, and is provided centrally with the hollow tapering or cylindrical pivot *b*, which latter is struck up from the body of the tenon. The ends *c* of the tenon on opposite sides of the pivot *b* are turned down so as to lie parallel, and with sufficient space between them for the introduction of the end of the slat A. If desired, these ends *c* can be left in their original position (at right angles to the pivot *b*) and be turned down on the slat to be mended, and thereby secure a nice adjustment; but I prefer to make them as shown, as the difference in the thickness of different styles of slats is not as a general thing sufficient to require any alteration in size of the tenon; but, if necessary,

different sizes can be manufactured to fit different sizes of slats. The ends *c* of the tenon B are provided on opposite sides with the open notches *d*, in which the clasp C rests when the parts are secured in position.

To place a new slat in a window-blind, or repair a broken slat under the old process, causes both annoyance and considerable expense, as the services of a carpenter are first needed and then a painter to paint the new slat; but by the use of my improvement, however, the trouble and expense are avoided, as the tenon can be secured in position by any one. To secure a tenon in position on a blind-slat it is simply necessary to adjust the tenon on the center of the end of the slat and note or mark the point for the clasp-holder. For the sake of convenience the tenon should then be removed from the slat and two holes made through the same with any sharp-pointed tool, as a brad-awl or horseshoe-nail. The tenon is then replaced and secured by passing the clasp through the holes in slat and turning the projecting ends of the clasp inward on the tenon, which firmly hold the parts in position.

The clasps C are made of the metallic strips, or wire bent in the form shown, and are of sufficient strength to hold the tenon in position. If desired, ordinary wire can be used; but I prefer to make them of the angular shape shown, as they are best suited for the purpose in view.

The tenon can be struck up, bent in the form shown, and provided with the side notches in one operation by suitable machinery, or the notching, bending, and forming the pivot can be respectively accomplished by separate machinery and by separate operations. When repairing a window-blind the tenon should be placed in position in the blind before the slat is secured thereto.

When my improved attachment is secured to an ordinary slat it makes it stronger than it originally was, while its extreme simplicity of attachment enables any person unacquainted with carpentry to firmly and neatly secure it in position.

I have described my improvement in connection with broken slats, but it is equally well adapted for new blinds, and when em-



ployed thereon makes a strong, durable connection which is not liable to be broken or become inoperative.

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

1. The combination, with the tenon provided with a pivot and two parallel or approximately parallel sides, of a metallic clasp constructed  
10 as described, and adapted to embrace the ends of the tenon and hold it in position on the slat.

2. The tenon made of sheet metal and provided with a central struck-up pivot and two ends, the latter adapted to rest and be secured  
15 on opposite sides of a blind-slat by a suitable clasp.

3. A tenon made from sheet metal and provided with a hollow tapering or cylindrical pivot and two notched sides, the latter adapted to rest on opposite sides of one end of the blind-slat and be secured thereon by a metallic clasp, substantially as described. 20

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

SAMUEL EUGENE ADAMSON.

Witnesses:

ADOLPHUS C. RICH,  
JOHN BARDES.