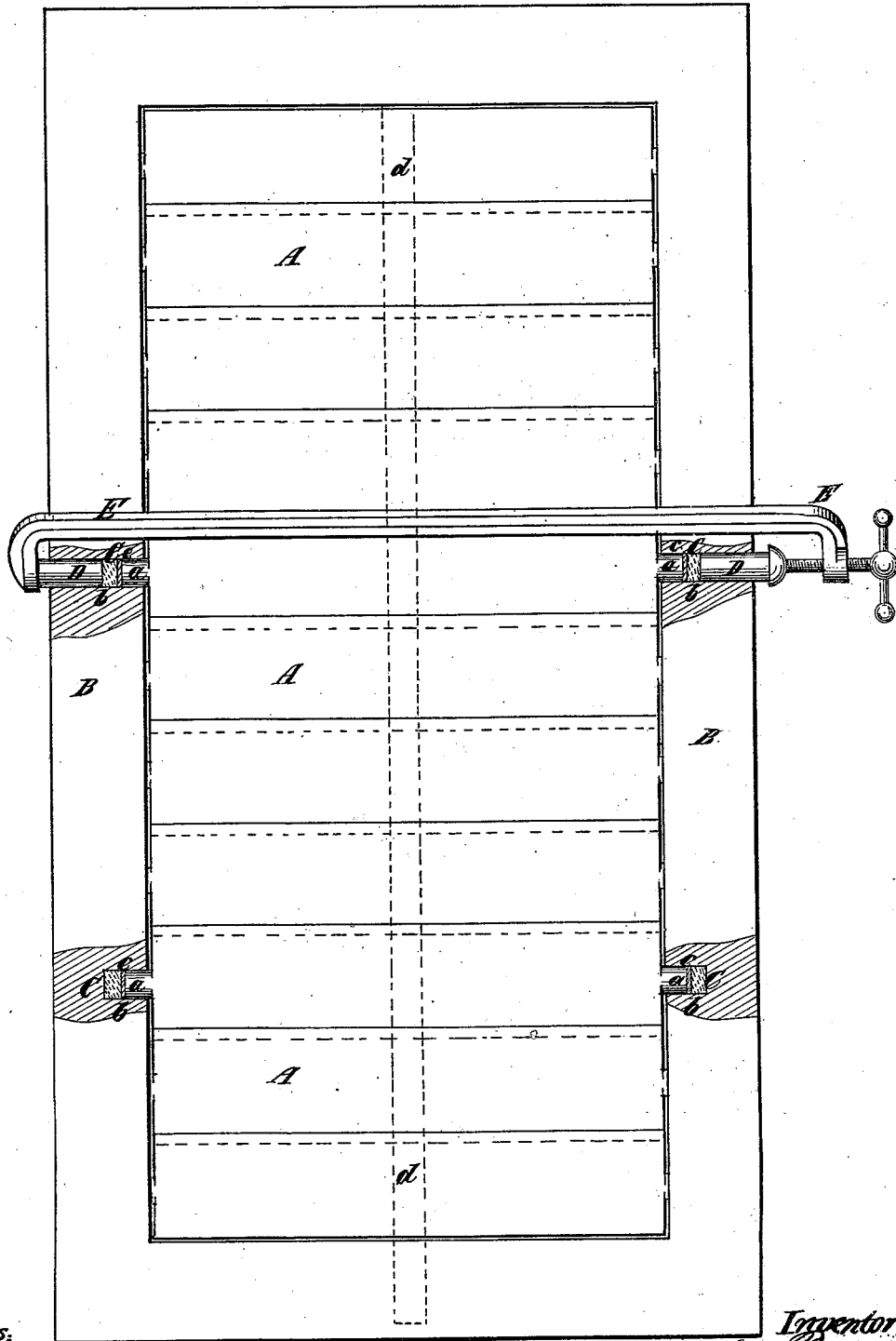


O. C. PECK.
Blind-Slat Adjuster.

No. 212,973.

Patented Mar. 4, 1879.



Witnesses:
Geo. W. Hays
Edw. J. Jessup

Inventor
Ovin C. Peck
by his attorney
Brown & Brown

UNITED STATES PATENT OFFICE.

ORRIN C. PECK, OF BEATRICE, NEBRASKA.

IMPROVEMENT IN BLIND-SLAT ADJUSTERS.

Specification forming part of Letters Patent No. 212,973, dated March 4, 1879; application filed December 16, 1878.

To all whom it may concern:

Be it known that I, ORRIN C. PECK, of Beatrice, in the county of Gage and State of Nebraska, have invented certain new and useful Improvements in Means for Retaining the Adjustment of the Slats of Blinds, of which the following is a specification:

My invention relates to means for preventing the accidental displacement of the slats of blinds after the same have been opened to admit light or closed to prevent persons looking into an apartment.

This invention consists in providing the stiles or side rails of a window-blind with sockets extending transversely through said stiles, in which are arranged india-rubber spring-plugs, which bear at their inner edges against the ends of the tenons formed on the slats of the window-blind, the outer ends of the said sockets in the stiles being provided with rigid plugs of wood which bear upon the rubber plugs, and which may be forced inward or drawn outward in order to regulate the tension of the rubber spring-plugs upon the tenons of the slats.

The accompanying drawing represents a face view of a blind embodying my improvements, portions being broken away to more clearly illustrate my invention.

These improvements may be embodied in new blinds, or may be attached to old blinds already in use.

I will first proceed to illustrate the manner in which they may be attached to blinds already in use.

A designates the slats of a blind, and B B the stiles or side frames, which are provided with holes or mortises for the reception of the tenons *a* on the ends of the slats, as is usual in such blinds. To attach my improvements, I first bore holes *b* through the stiles or side frames opposite the tenons *a* of one or more slats.

C designates springs, which consist each of a block of india-rubber, which are inserted in these holes, and are adapted to exert a pressure upon the ends of the tenons *a*. Thin plates or disks of metal *c* are interposed between the rubber springs and the end of the tenons *a*, to give the said tenons a firm, smooth end bearing, and prevent the abrasion of the rubber.

In order to compress the rubber so that it

shall exert a pressure upon the ends of the tenons, I insert plugs of wood D in the holes *b*. These plugs are forced inward until the rubber is sufficiently compressed, and may then be fastened by a nail driven through the stile and plug. The plugs impinging upon opposite ends of a slat are preferably forced in simultaneously, so as to keep the slat in a central position in the frame and prevent undue binding. This can well be accomplished by means of a screw-clamp, E, adapted to embrace a blind and bear upon the plugs, which are opposite each other.

When it is desired to embody these improvements in new blinds the holes or mortises *b*, which are intended to receive the rubber springs C, are made somewhat deeper than the others, and the blocks are placed in the holes before the blind is put together, and are compressed by the tenons *a* upon the slats A.

As the slats of the blind are all connected by the rod *d*, (shown in dotted outline,) it may be sufficient to provide only one or two of the slats with my improvements; but any number of them may be so provided.

By my invention the slats of a blind are held in any position in which they are placed, and when closed will remain so, thus preventing the annoyance ensuing from the use of blinds the slats of which are liable to open and expose a private apartment to the view of persons outside the dwelling.

I am aware that a metal-capped rubber plug has been arranged to bear against the tenons of a blind-slat, the said plug sitting in the rear end of the socket in which the tenon is arranged, and such of itself, not being my invention, is hereby disclaimed.

What I claim as my invention, and desire to secure by Letters Patent, is—

The stiles or side rails of a window-blind, constructed with transverse sockets extending entirely through them, in combination with the rubber plugs C, arranged therein to bear against the tenons of the slats, and rigid plugs D, arranged in rear of the rubber plugs, and adapted to be forced inward to regulate the tension of said springs, substantially as shown and described.

ORRIN C. PECK.

Witnesses:

L. W. COLBY,
C. N. EMERY.