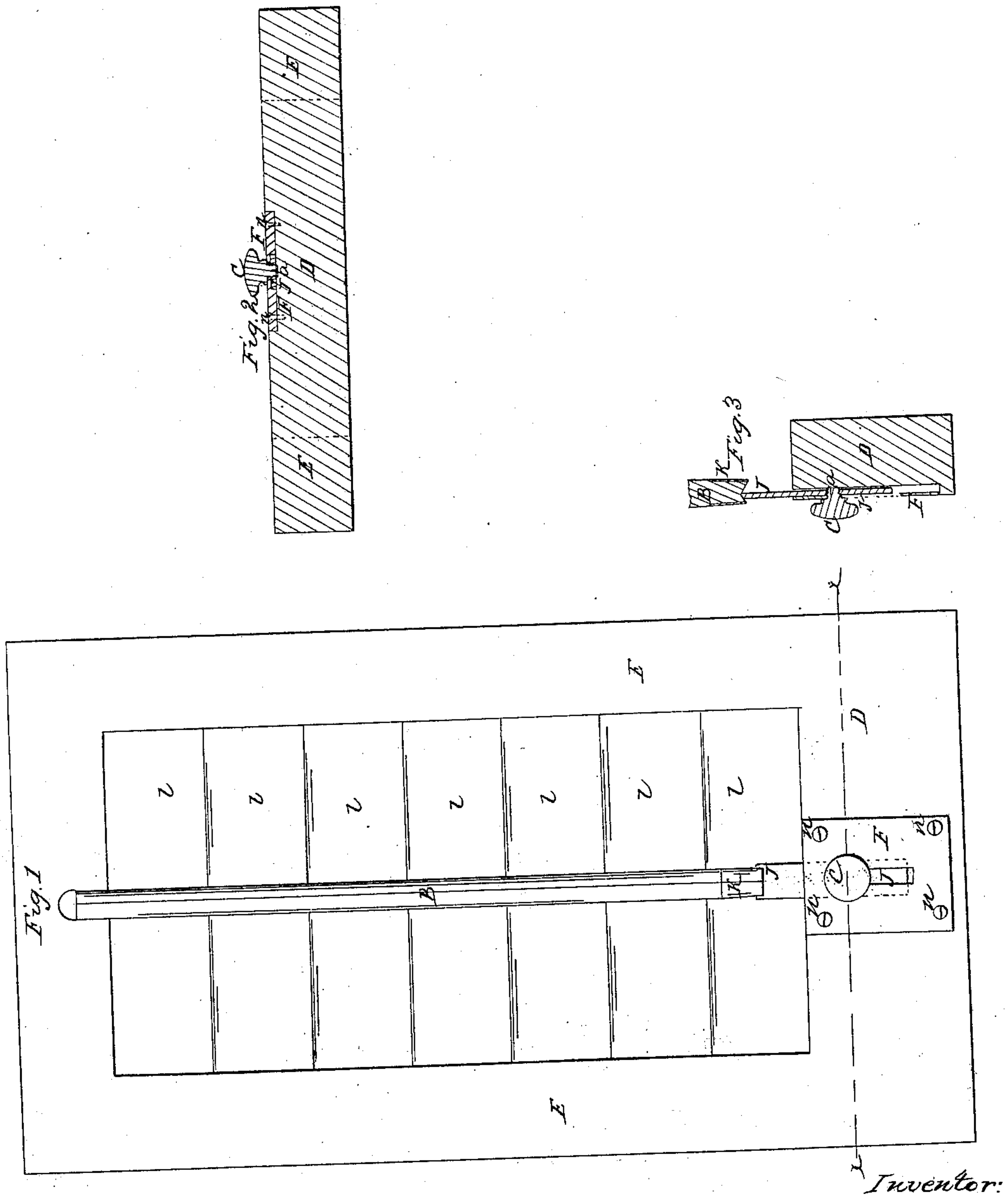


G. L. Chapin,

Blind Stop.

N<sup>o</sup> 57,675.

Patented Sep. 4, 1866.



Witnesses:

Albert Hayward  
A. K. Chapin

Inventor:

George L. Chapin

# UNITED STATES PATENT OFFICE.

GEO. L. CHAPIN, OF CHICAGO, ILLINOIS.

## IMPROVEMENT IN DEVICES FOR FASTENING THE SLATS OF VENETIAN SHUTTERS.

Specification forming part of Letters Patent No. 57,675, dated September 4, 1866.

*To all whom it may concern:*

Be it known that I, GEORGE L. CHAPIN, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Fastener for Blind-Slats; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is an elevation of my fastener, including the blind to which it is attached. Fig. 2 is a horizontal section of the fastener and blind, taken through the place indicated by the red line *x x*, Fig. 1. Fig. 3 is a central sectional elevation of my fastener and a part of the blind.

The object of my invention is to provide convenient means by which the slats or floats of common Venetian blinds may be fastened on the inside in such a manner as to prevent the possibility of the slats being turned from the outside without breaking or cutting away some portion of the blind.

The object to be gained by the use of my invention is, first, the preventing of evil-disposed persons from turning the slats on the outside of the blind and making an examination of the premises; second, an additional bar against burglars, from the fact that when the slats are securely fastened it is impossible to introduce any device through the blind for raising the catch which secures the blind to the window-sill; third, the slats may be shut closely together in case of a storm, and when the blind is swung against the side of the building, as when opened, the edges of the slats are not liable to be broken.

To enable others skilled in the art to make and use my invention, I will describe the method of construction and operation.

D represents the lower rail, E the stiles, *l* the slats, and B the rod, of the common Venetian blind to which my fastener is attached. F represents the metallic plate, in which is made the slot *i*, in order that the thumb-screw C *a* may be slid up and down when fastening and unfastening the slats. In the back side of this plate is made a vertical groove of the proper size for the bolt J to slide in. The object of the bolt J is to operate against the lower end of the rod B and prevent it from being

forced downward or outward from the blind-slats *l*.

The slat-rod B is supposed to be attached to the slats *l* by means of staples, in the usual manner; and it is evident that if the lower end of the rod B is held firmly in the proper position when the slats are shut, the bolt J must be lowered before the slats can be opened.

The thumb-screw C *a* passes into the bolt J, and should be battered or riveted on the back side of the bolt, so as to prevent the screw from being turned out too far.

K shows the thin metallic band, which is driven onto the end of the rod B, in order to make a firm support for the upper end of the bolt J to press against, and to secure this end a notch is made in the lower end of the band K, so as to prevent the possibility of the end of the rod being forced from the end of the bolt J.

Operation: In order to use my invention I hereby give the following directions: The plate F may be either let into the rail D, so that the face of the rail shall correspond with the face of the plate, or the plate may be secured to the surface of the rail; but in either case the screws *n* must be put through the plate F into the rail D in the usual manner.

In order to fasten the blind-slats, they must be first shut in the usual manner. The thumb-screw C *a* must then be forced upward, which will place the end of the bolt J into the notch made in the band K. The screw C *a* must then be tightened in the usual manner, and the slats will be fastened.

When it is required to unfasten the slats the screw C *a* must be loosened, which will allow the bolt J to pass down out of the way, so that the slats can be operated in the usual manner.

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

The arrangement and combination of the plate F, bolt J, screw C *a*, and the notched band K, substantially as set forth and described.

GEO. L. CHAPIN.

Witnesses:

ALBERT HAYWARD,  
A. H. CHAPIN.