(No Model.)

L. TILTON.

LOCK HINGE.

No. 390,418. Patented Oct. 2, 1888.

Fig. 1.

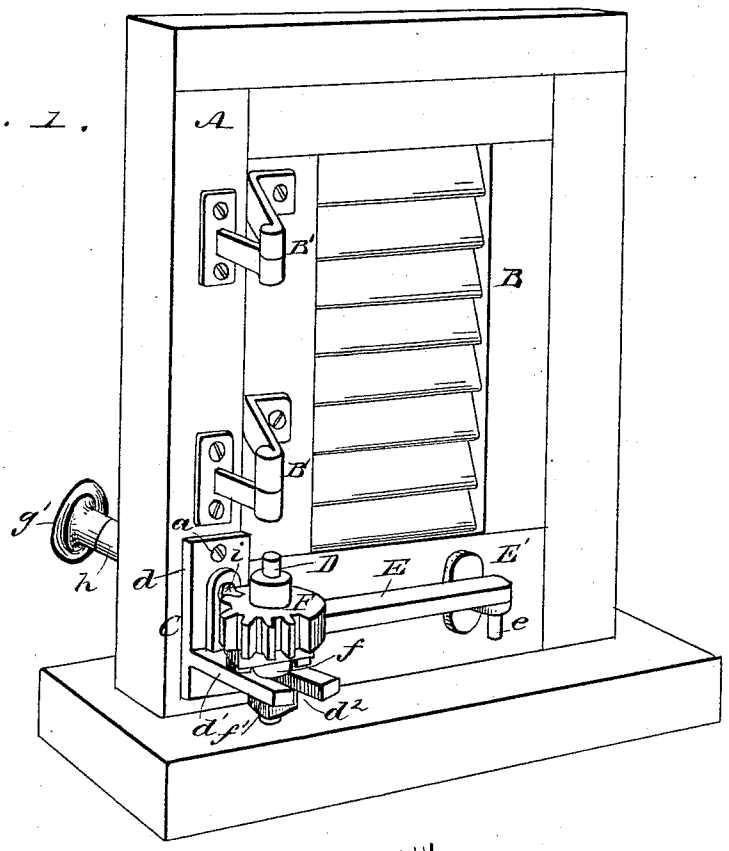
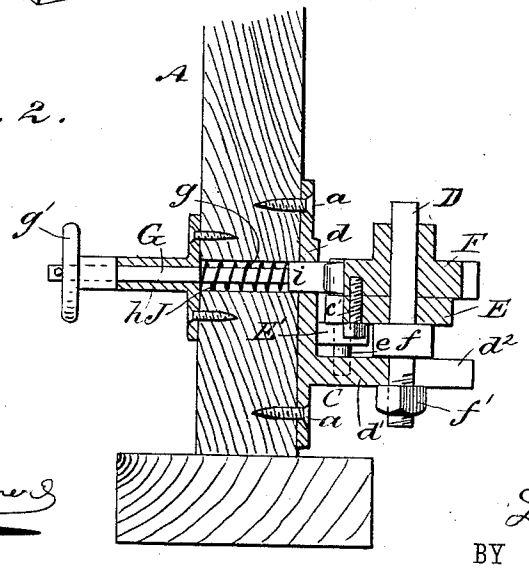


Fig. 2.



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UNITED STATES PATENT OFFICE.

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LOCK-HINGE.

SPECIFICATION forming part of Letters Patent No. 390,418, dated October 2, 1888.

Application filed December 23, 1887. Serial No. 258,810. (No model.)

To all whom it may concern:

Be it known that I, LEONARD TILTON, of the city of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Fastener for Window-Blinds, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a perspective view of a window-blind having my invention applied thereto, and Fig. 2 is a detailed sectional view of the same.

The invention will first be described in connection with the drawings, and then pointed out in the claim.

A represents the window-frame, to which the window-blind B is secured by the hinges B′ B′, in the usual manner. To the outside of the frame A is secured, by screws or other fastenings, *a a*, the casting C, which comprises the vertical plate *d* and the horizontal plate *d′*, which latter is slotted at d^2 to receive the vertical bolt D, which may be held by any suitable means, preferably by the collar *f* and nut *f′*. (Shown in Fig. 2.) Upon the bolt D and resting upon the collar *f* is pivoted the arm E, which reaches along the blind and is connected at its outer end to the blind by the clip E′ and pin *e*, as shown clearly in Fig. 1. The arm E is provided at its pivot with the circular rack F. This is by preference made in a separate piece and secured to the said arm E by a screw, *c*. (Shown in Fig. 2.) The rack F is for receiving the outer end of the bolt G for locking the window-blind wholly open or closed or at any desired intermediate position. The said bolt G passes through an opening, *g*, in the window-frame A, and also through the flanged and tubular casting *h*, secured to the inside of the frame A, and upon the inner end of the bolt is secured the knob *g′*, by which the said bolt may be conveniently drawn inward against the tension of the spring J for disengaging its outer end from the rack F, so that the position of the blind may be changed. The spring acts between the casting *h* and the head *i* formed upon the bolt G, so that it normally presses the bolt forward to engage the said head *i* with the teeth of the rack F.

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

The casting C, comprising the vertical plate *d* and horizontal plate *d′*, slotted at d^2, in combination with the pivot-bolt D, held in said slot, the arm E and rack F, and the locking-bolt G, held in an aperture in the window-frame A, substantially as described.

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Witnesses:
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