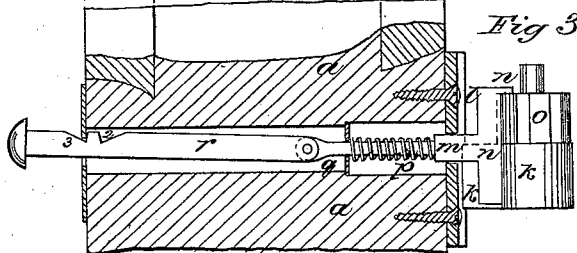
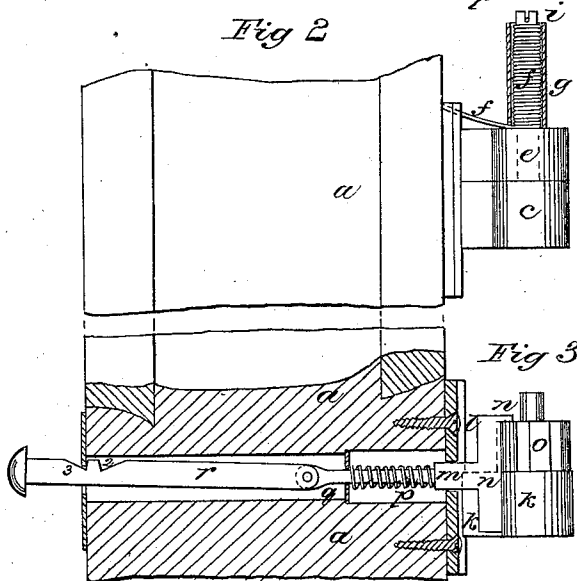
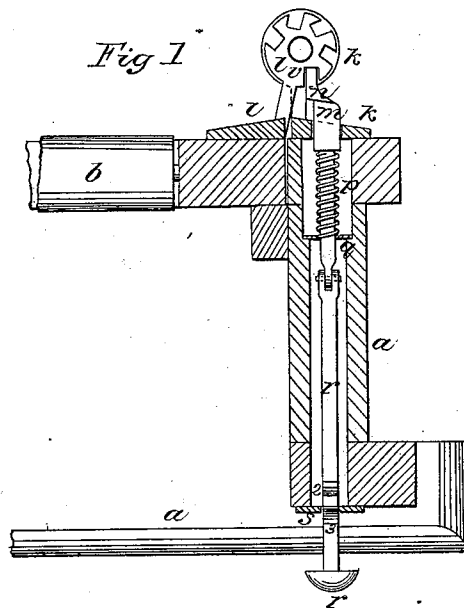


E. A. Charantre,

Lock Hinge.

N^o 71,135.

Patented Nov. 19, 1867.



Witnesses:

*Chas. Schmidt
Geo. Ormister*

Inventor.

Edward A. Charantre

United States Patent Office.

EDWARD A. CHAVANTRE, OF NEWARK, NEW JERSEY, ASSIGNOR TO ALFRED CHAVANTRE, OF NEW YORK, N. Y.

Letters Patent No. 71,135, dated November 19, 1867.

IMPROVED BLIND-FASTENING.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, EDWARD A. CHAVANTRE, of Newark, in the county of Essex, and State of New Jersey, have invented, made, and applied to use a certain new and useful Improvement in Blind-Fastenings; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawing, making part of this specification, wherein—

Figure 1 is a plan of the blind-hinge with the window-casing in section.

Figure 2 is a side view of the upper hinge; and

Figure 3 is a similar view of the bottom hinge, part of the window-casing being in section, and also the plates of the hinge.

Similar marks of reference denote the same parts.

The object of my invention is to hold the blind open, or partially open, and to allow of its being closed without opening the window.

My invention consists in a sliding spring-bolt passing through the window-casing, in combination with a notched hub to the moving part of the hinge, so that when the spring-bolt is withdrawn the blind and hinge are free to move, and when said bolt is projected, the hinge will be locked, so as to hold the blind open, closed, or at any desired intermediate point. And I make use of a spring applied to the blind in such a manner that the blind will be closed by it when the bolt is loosed of its hold upon the moving hinge of the blind, thereby allowing the blind to be closed without opening the window.

In the drawing, *a* represents a portion of the window-frame, of any desired character. *b* is the blind, *c* the stationary part, and *e* the moving part of the upper hinge, the latter being attached to the blind. *f* is a spring, coiled in the case *g*, and attached at one end to the hinge-pin *i*, and the other end acting against the blind, to close the same when not otherwise moved or held. The hinge at the lower part of the blind is made with the fixed portion *k* attached to the casing, and the moving portion *l* attached to the blind. Through the plate of the hinge *k* passes the shank *m* of the bolt *n*, said bolt *n* taking into notches in the hub *o* of the hinge *l*, to retain the blind open, shut, or at any intermediate point, according to the position of the said notches. The lower part of this bolt *n* enters into a vertical groove or notch in the hub of the hinge portion *k*, so as to be sustained and strengthened by the same. The shank *m* of the bolt *n* passes through the plate *k*, and is formed with a shoulder, against which the coiled spring *p* acts, the other end of said spring taking the plate *q*. *r* is a latch-bar and knob, the former being united to the shank *m* by a joint, and *s* is a plate on the inside of the window-frame or casing. In the bar *r* are the notches 2 and 3, standing in opposite directions, so that when the notch 2 is employed, the bolt *n* will be latched back and be inoperative, but when the bar *r* is raised, the notch 3 holds the bolt forward, so that said bolt *n* cannot be pressed back; hence said bolt becomes a secure fastening for the blind or shutter.

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

The bolt *n*, taking the notches of the hub of the hinge, in combination with the latch-bar *r*, jointed to the shank *m* of said bolt *n*, as and for the purposes set forth.

Dated August 6, 1867.

EDWARD A. CHAVANTRE.

Witnesses:

CHAS. H. SMITH,
GEO. D. WALKER.