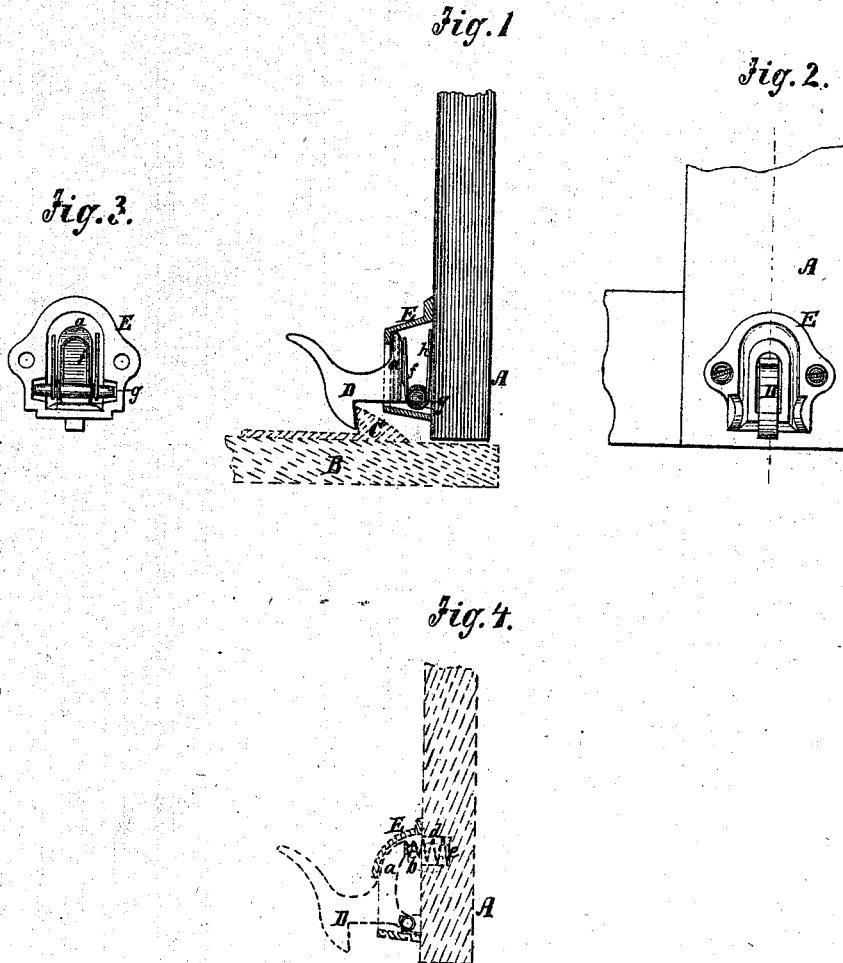


A. P. SEYMOUR.

Improvement in Shutter Fastenings.

No. 115,364.

Patented May 30, 1871.



Witnesses:

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UNITED STATES PATENT OFFICE.

ALBERT P. SEYMOUR, OF HECLA WORKS, NEW YORK.

IMPROVEMENT IN SHUTTER-FASTENINGS.

Specification forming part of Letters Patent No. 115,364, dated May 30, 1871.

To all whom it may concern:

Be it known that I, ALBERT P. SEYMOUR, of Hecla Works, in the county of Oneida and State of New York, have invented a new and Improved Blind-Fastening; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to improvements in the spring-catches used on window-blinds to engage with a fixed catch on the window-sill when the blinds are closed to hold them closed; and it consists in an improved arrangement of the said latches and the springs by which they are actuated, as hereinafter described.

Figure 1 is a sectional elevation of a part of a blind and window-sill; also the fastening arranged according to my invention; Fig. 2 is a front elevation of the same; Fig. 3 is a rear elevation of the part which is attached to the blind; and Fig. 4 is a sectional elevation, in dotted lines, of a fastening, showing the arrangement now in use.

Similar letters of reference indicate corresponding parts.

A represents a part of the blind; B, a part of the window-sill, in dotted lines; C is a fixed catch attached to the sill, and also shown in dotted lines; D is the spring-latch; and E, the cap attached to the blind for holding the spring-latch. These parts are all the same as in the common arrangement, except the arm *a* of the latch, which, as heretofore, has terminated in the short stud-pin *b* projecting toward

the side of the blind, for the reception of the end of the coiled spring *d* seated in a hole, *e*, bored in the blind behind the said stud-pin, said spring being arranged to force the arm *a* outward and cause the latch to engage with the catch. In my improved arrangement this arm *a* is made broad on the face fronting the side of the blind, and the said face is parallel, or nearly so, with the side of the blind; the object of which is to provide a bearing for the doubled end of a wire spring, *f*, the two parts of which are coiled around the journals *g* of the latch and extend along the side of the blind upward behind the said arm, as clearly shown at *h*.

This improved arrangement is provided to save the making of the hole in the blind for the spring, as in the old way, and to avail myself of this form of spring, which I find in practice to be much more durable than the coiled spring *b*. They are also preferable, for the coiled springs are very liable to spring sideways and interfere with the walls of the hole; and if the hole is not the right depth, which is often the case, they fail to work well.

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

The broad-faced parallel sided arm *a*, combined, as described, with the journaled spring *f g h* and flanged case E, all arranged as described.

ALBERT P. SEYMOUR.

Witnesses:

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