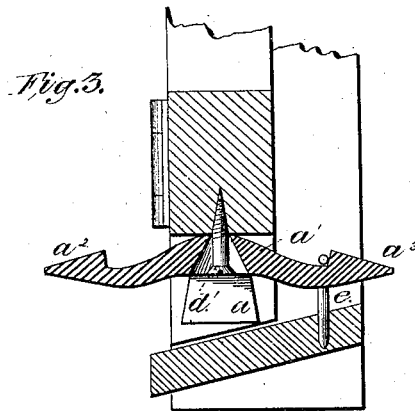
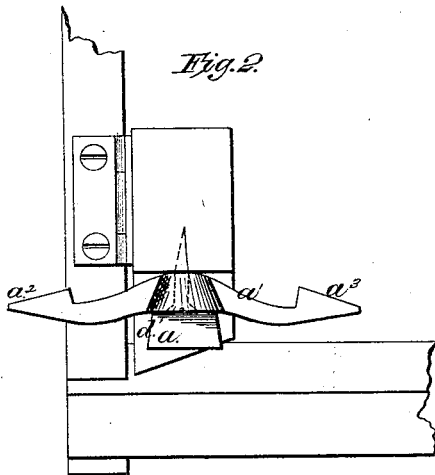
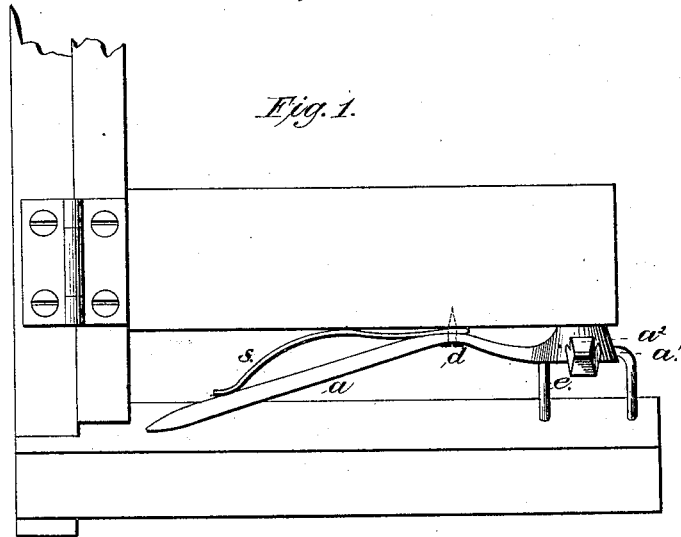


J. H. CLARK.
Shutter-Fastenings.

No. 199,262.

Patented Jan. 15, 1878.



Attest:
Herbert Briggs.
W. H. Mottly.

Inventor:
J. H. Clark.

UNITED STATES PATENT OFFICE.

JOSEPH H. CLARK, OF DEERING, MAINE.

IMPROVEMENT IN SHUTTER-FASTENINGS.

Specification forming part of Letters Patent No. **199,262**, dated January 15, 1878; application filed February 20, 1877.

To all whom it may concern:

Be it known that I, JOSEPH H. CLARK, of Deering, in the county of Cumberland and State of Maine, have invented a new and useful Improvement in Shutter or Window-Blind Fastenings, which improvement is fully set forth in the following specification and accompanying drawing, in which—

Figure 1 is a side view of the blind-fasteners in position for use. Fig. 2 is an end view of the double-vibrating catch, and Fig. 3 is a sectional view of the same.

The object of my invention is to provide a simple, serviceable, and inexpensive shutter-fastening device, in which the catch is not held rigidly, but has a double-vibrating motion, enabling the catches to hold at an angle of less than ninety degrees; and to this end my invention consists in the novel combination and arrangement of a loosely-hung bent lever, countersunk near the middle, pivoted at two points, and provided with double-vibrating catches, there being, also, a light, loosely-attached round wire spring, and suitable staples for the vibrating catches to engage with, all as hereinafter more fully described and claimed.

The bent lever *a* and the spring *s* are not held together rigidly by the supporting-screws *d d'*; so that when any strain is applied to the double-vibrating catches *a² a³* in the staples *e e* it will make the fastener incline to a firm hold upon the staple *e*, and increase the firmness according to the strength applied. Or if the bent lever *a* should be placed in a vise and straightened on a line with the short bar

of the same, (which may be done,) the catches *a² a³* would present a hooked form, indicating the manner in which they will hold, thus making the fastener self-acting horizontally in the above-named way.

In the drawings, *a* is the fastener, cast crooked, forming a loosely-hung bent lever, so that the catches *a² a³* are double-vibrating, and hold on to the staples *e e* at an acute angle. *s* is a loosely-attached spring. *d d'* are supporting-screws.

Two screws are necessary for each fastener, one for a pivotal hinge and the other for a side support, the bent lever being countersunk at *a¹*.

The operation of my device is simple, and will be easily understood by examining the double-vibrating catches in connection with the loosely-hung countersunk bent lever and the supporting-screws.

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

An improved shutter or window-blind fastening, consisting of the loosely-hung bent lever *a*, countersunk at *a¹*, pivoted at *d* and *d'*, and provided with the crooked double-vibrating catches *a² a³*, in combination with the loosely-attached spring *s* and staples *e e*, substantially as shown and described, for the purpose specified.

JOSEPH H. CLARK.

Witnesses:

N. SMART,
W. A. CLARK.