

(No Model.)

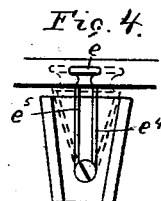
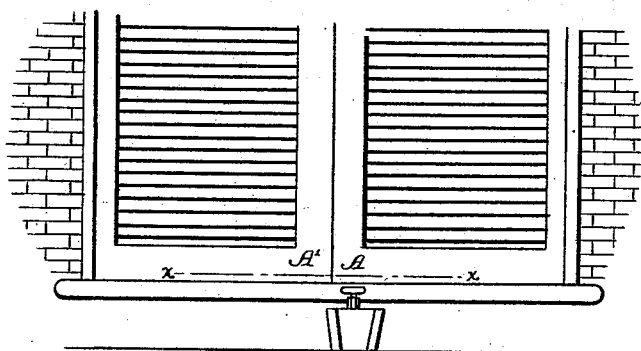
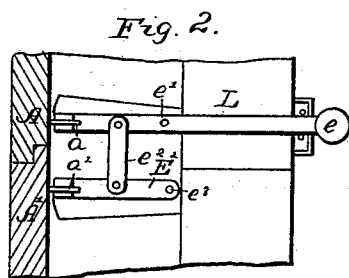
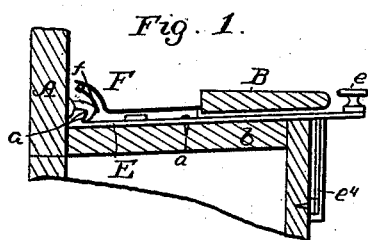
H. CAMUS, Dec'd.

J. C. JALAGEAS, Administrator.

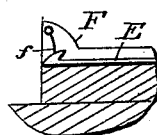
SHUTTER FASTENER.

No. 347,610.

Patented Aug. 17, 1886.



*Fig. 5.*



*Fig. 3.*

Witnesses

*L. E. Fischer*

*H. B. Wymann*

Inventor

*Jules C. Jalageas, addor.*  
By his Attorney *Henri Camus, Dec'd.*  
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# UNITED STATES PATENT OFFICE.

JULES C. JALAGEAS, OF ST. LOUIS, MISSOURI, ADMINISTRATOR OF HENRI CAMUS, DECEASED.

## SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 347,610, dated August 17, 1886.

Application filed May 22, 1886. Serial No. 203,034. (No model.)

*To all whom it may concern:*

Be it known that HENRI CAMUS, of St. Louis, Missouri, did invent a new and useful Improvement in Shutter-Workers, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a vertical section. Fig. 2 is a horizontal section on the line *x x* of Fig. 5. Fig. 3 is a vertical section in detail. Fig. 4 is a vertical section on the line of the outer edge of the window-sill. Fig. 5 is a front elevation.

For the purpose of carrying out the invention a latch, *E*, is used. This latch extends through the sill *b* and is pivoted at *e*, enabling it to be swung horizontally.

The shutter *A* is provided with a hook, *a*, which engages with the latch *E* when the shutter is closed. To open the shutter, then, the latch *E*, from the inner side of the room and by means of the handle *e'*, is swung sidewise sufficiently to disengage the latch from the shutter-hook *a*, when the shutter can be opened.

The two shutters *A A'* may be operated by means of the latch *E*. To this end the main latch *E*, by means of the link *e<sup>2</sup>* is pivoted to the latch *E'*. This last-named latch is pivoted at *e<sup>3</sup>*, and its outer end engages with the shutter-hook *a'*. Then as the main latch is swung upon its pivot the latch *E'* is also swung upon the pivot *e<sup>3</sup>*, and both of the shutter-hooks *a a'* are released. A spring, *e<sup>4</sup>*, operates to bring the latches *E E'* into position whenever released by the operator.

To prevent the entrance of snow into the

hood *F*, which covers the outer end of the latch, the hood is provided with a swing-guard, *f*, which, when the shutter engages with the latch, swings inward, as shown in Fig. 1, and which, when the shutter-hook is disengaged, swings outward.

The latch *E'* may be extended through the window-sill *b* similarly to the latch *E*, and in that case the two latches may be worked independently.

The spring *e<sup>4</sup>* operates in connection with the projection *e<sup>5</sup>*. One part of the spring bears against the projection as the other part is moved away from the projection.

The movements of the parts of the spring are indicated by the dotted lines.

What is claimed as new is—

1. The combination, substantially as described, of the sill *b*, the pivoted latch *E*, and the spring *e<sup>4</sup>* and stop *e<sup>5</sup>*.

2. The combination, substantially as described, of the shutters *A A'*, the hooks *a a'*, the sill *b*, and the latches *E E'*, said latches being pivoted to the sill and united, as described.

3. The combination, substantially as described, of the shutter *A*, the hook *a*, the sill *b*, the latch *E*, and the hood *F* and swing-guard *f*, substantially as shown and described.

Witness my hand this 9th day of January, 1885.

JULES C. JALAGEAS,  
*Administrator of Henri Camus, deceased.*

Witnesses:

C. D. MOODY,  
E. S. WARNER.