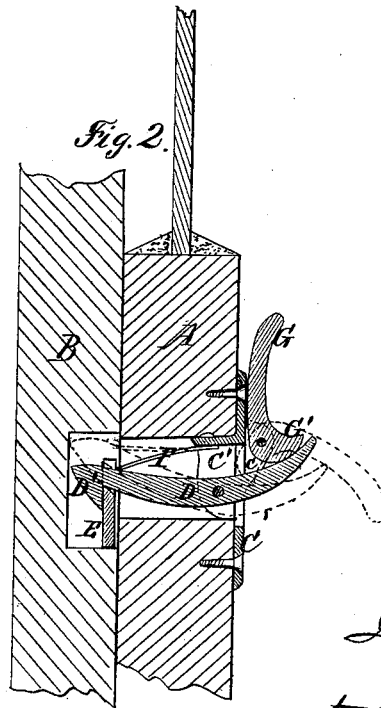
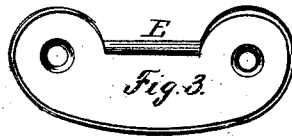
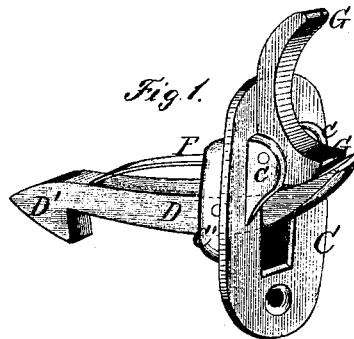


J. L. Devol,

Shutter Fastener.

No. 112,225,

Patented Feb. 28. 1871.



Witnesses.
C. F. Clausen.
A. Rupperts.

J. L. Devol
Inventor.
D. P. Holloway & Co.
Atty.

United States Patent Office.

JONATHAN L. DEVOL, OF PARKERSBURG, WEST VIRGINIA.

Letters Patent No. 112,225, dated February 28, 1871.

IMPROVEMENT IN SHUTTER-FASTENERS.

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, JONATHAN L. DEVOL, of Parkersburg, in Wood county and in the State of West Virginia, have invented a new and useful Improvement in Shutter-Fastenings; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 is a perspective view of the fastening, detached.

Figure 2 is a vertical section of the fastening, applied to a door and holding the shutter in position.

Figure 3 is a front view of the keeper.

The same letters of reference, where employed in the several figures, denote identical parts.

This invention relates to shutter-fastenings; and

My improvement consists in the employment of a cam-lever, in combination with the other parts of the fastening, to provide a means by which the hook may be disengaged from the keeper, and held thus until the shutter is removed, as will be more specifically pointed out hereinafter.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and operation.

In the annexed drawing—

A represents a portion of a door or window, and B, the shutter.

The operative parts of the fastening are arranged on a metallic frame, C, which is secured upon the inner side of the door, with its curved flange C' extending into an aperture therein.

A suitable slot is formed in the plate of the frame, through which the inner arm of the hook-lever D extends.

This lever is pivoted upon a bolt, *d*, between the legs of the flange C', and its outer arm terminates in a hook, D', projecting a sufficient distance beyond the outer side of the door, through the aperture therein, to hook over a keeper, E, when the shutter, to which the latter is secured in a recess therein, is put in its place.

The hook-lever is held down over the keeper by a spring, F, one end of which is riveted to the flange C' at *f*, while the other end presses upon the outer end of said lever, as shown.

The inner arm of the lever D is in contact with the cam G' of a short lever, G, which is pivoted between ears, *c*, of the frame, above the former, and so arranged that, by turning it down, its cam will depress the inner arm of the lever D, to disengage its hook from the keeper.

When thus turned down until the lever G strikes the end of lever D, the cam of the former will hold the latter in the position indicated in dotted lines in fig. 2, to admit of the removal of the shutter.

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

In combination with the shutter-fastening herein described, composed of the frame C, hook-lever D, keeper E, and spring F, the cam-lever G G', arranged and operating as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

J. L. DEVOL.

Witnesses:

G. LOOMIS,
HENRY AMISS.