

D. F. HUTCHINSON, Jr.

Shutter-Fasteners.

No. 155,801.

Patented Oct. 13, 1874.

Fig. 1.

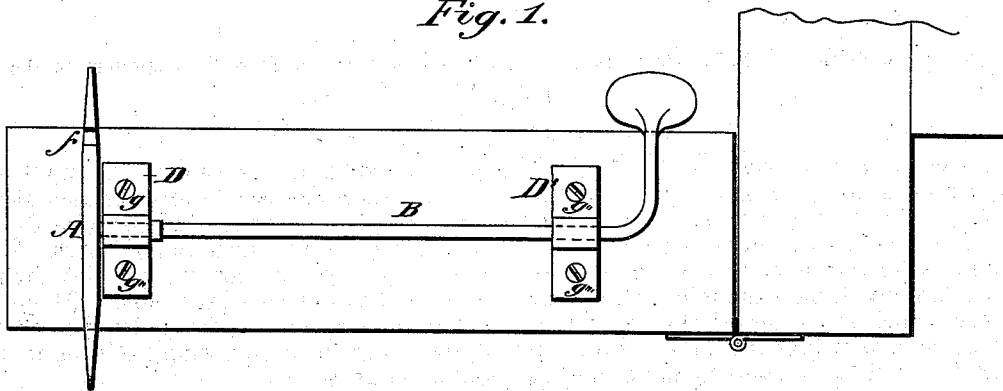


Fig. 2.



Fig. 3.



Witnesses.

George W. Fairfield
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UNITED STATES PATENT OFFICE.

DANIEL F. HUTCHINSON, JR., OF LYNN, MASSACHUSETTS.

IMPROVEMENT IN SHUTTER-FASTENERS.

Specification forming part of Letters Patent No. **155,801**, dated October 13, 1874; application filed April 3, 1874.

To all whom it may concern:

Be it known that I, DANIEL F. HUTCHINSON, Jr., of Lynn, in the county of Essex and State of Massachusetts, have invented certain new and useful Improvements in Blind-Fasts; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

The nature of my invention consists in arranging a double-sided hook, in connection with a rod or arm bent to form a lever-end, the extremity of which is enlarged to form a weight, in such a manner that it will, when properly adjusted, hook a blind to a back without the employment of a spring of any kind, making an effective fast at a very small cost.

Figure 1 represents a top or vertical view of the fast, the dotted lines representing the lower rail of the blind, to which it is secured. Fig. 2 is an end view of the double-sided hook or head-piece; and Fig. 3 is an edge view of the caps or boxes, by which the fast is secured by suitable screws to the blind.

A, Figs. 1 and 2, is the head-piece. B is

the arm, and C is the weight. D and D' are caps or boxes, and are in form as seen at Fig. 3. *f* and *f'* are notches formed in head-piece A—*f* on the upper side, and *f'* on the lower side. *g g' g'' g'''* are screws by which the fast is secured to the rail of the blind. There is a lug or enlargement on the under side of arm B, (not seen in the drawing,) to keep it from sliding endwise.

When the blind is to, notch *f'* hooks over a suitable catch caused by the gravity of weight C, and, when open, catches under a suitable catch caused by the gravity of the same weight.

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

The within-described blind-fast, composed of head-piece A, arm B, and weight C, combined substantially as specified, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 31st day of March, 1874.

DANIEL F. HUTCHINSON, JR. [L. S.]

Witnesses:

SAM. F. ROSS,

GEO. W. FAIRFIELD.