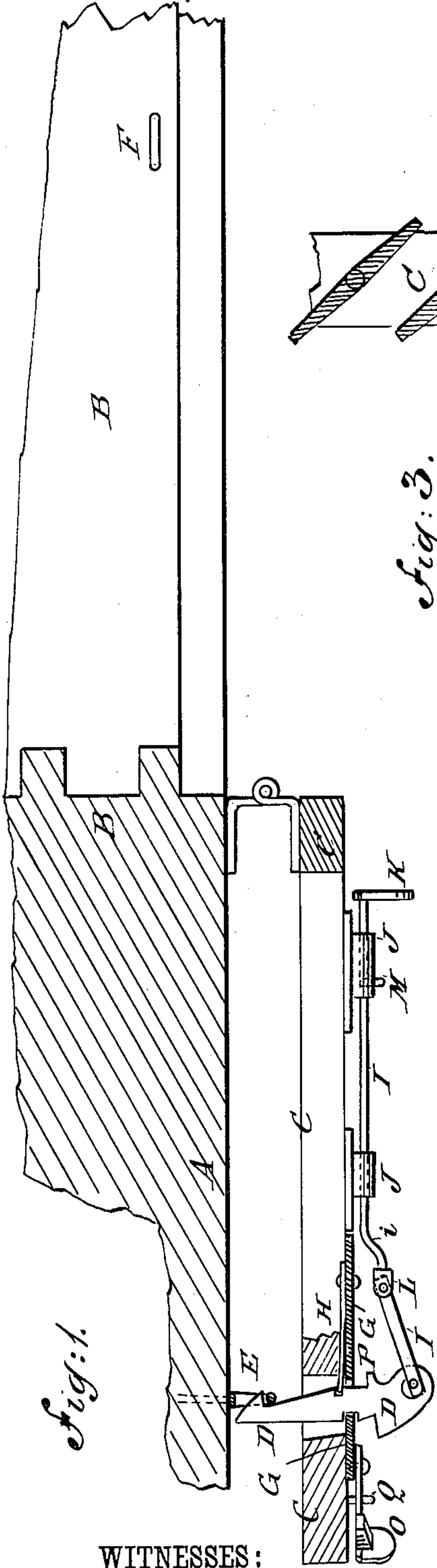


(No Model.)

F. A. S. PERRY.
SHUTTER FASTENER.

Patented Mar. 2, 1886.

No. 337,076.



WITNESSES :

Chas. Kiera.
C. Sedgwick

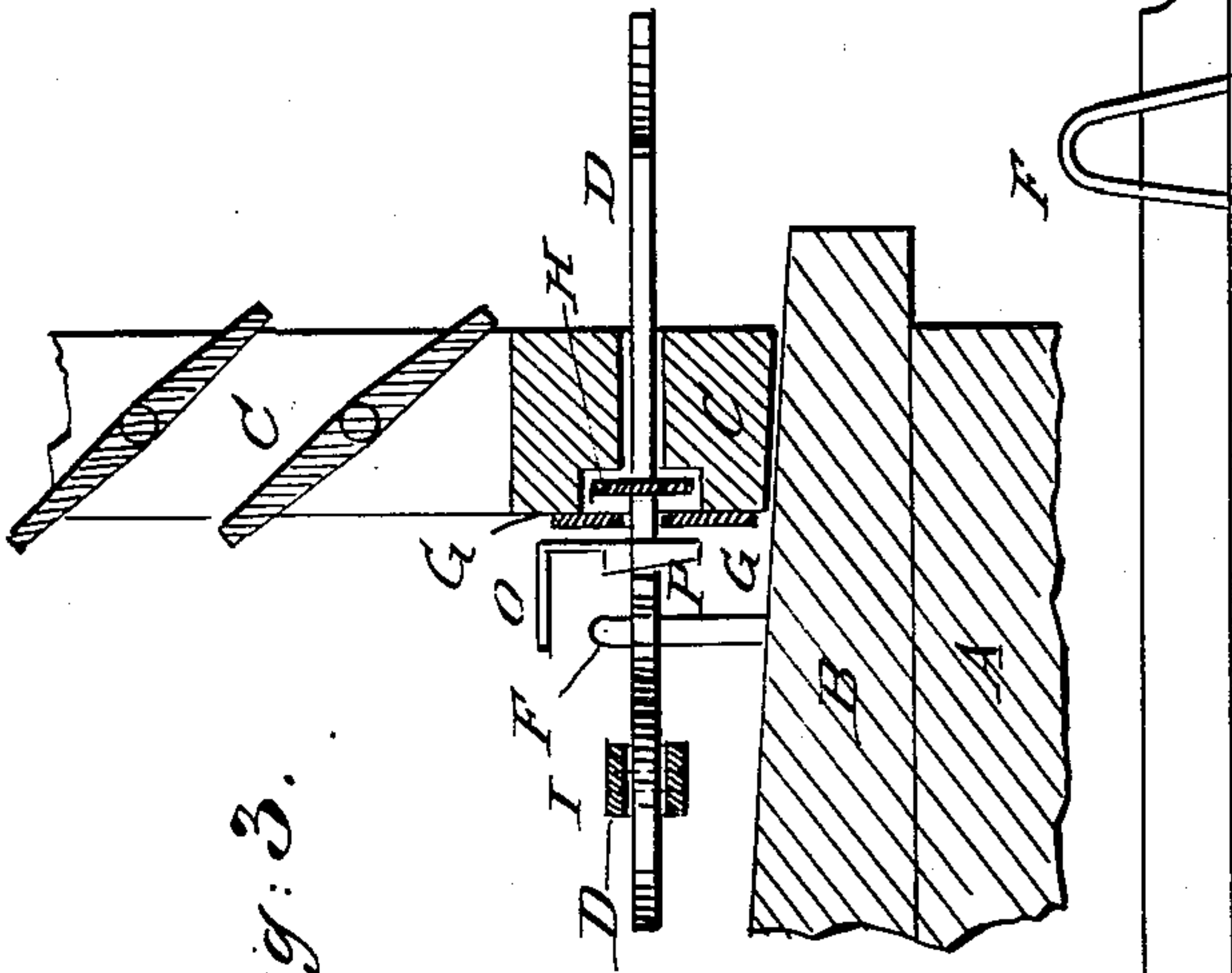
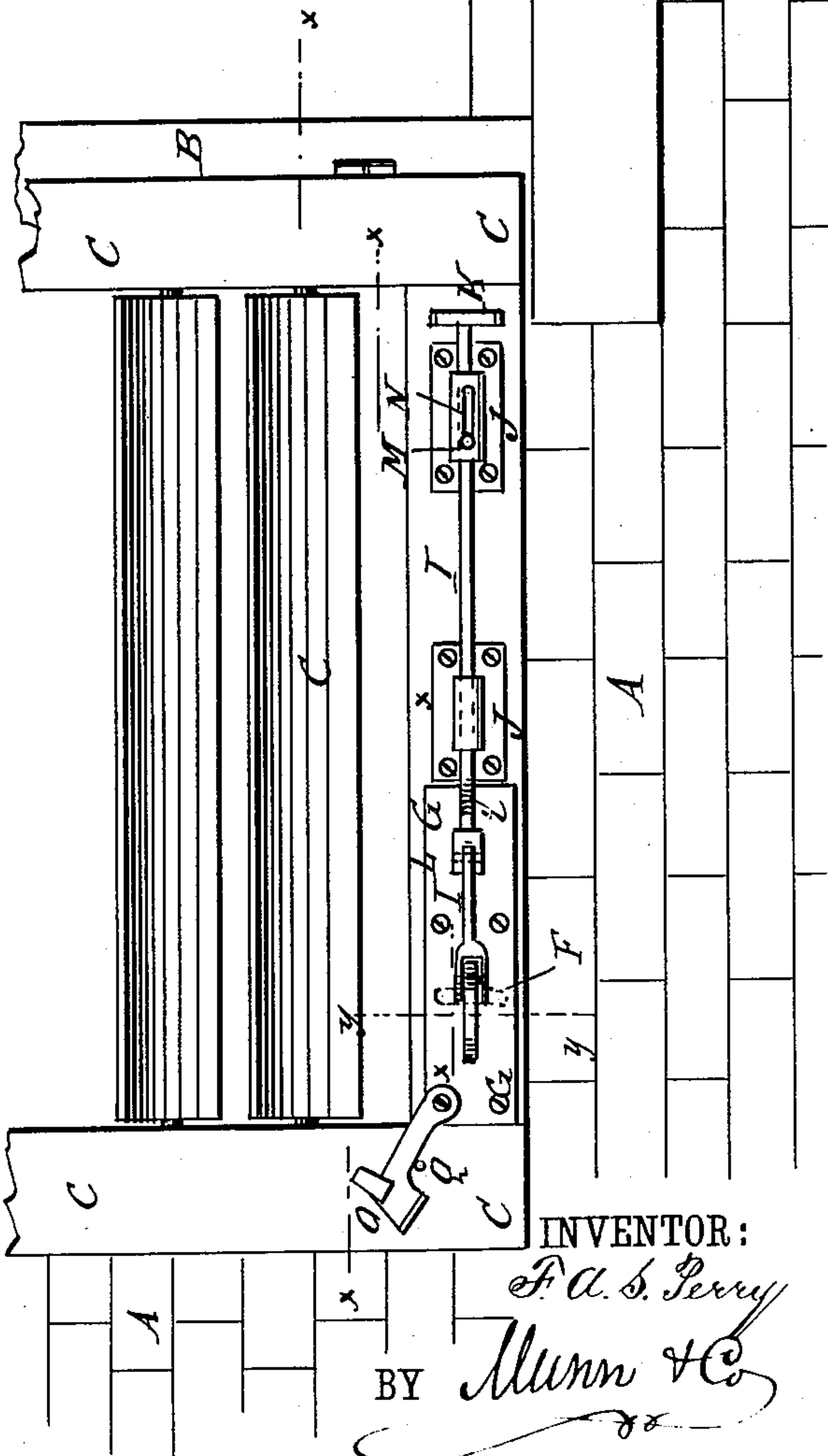


Fig: 3.



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ATTORNEYS.

UNITED STATES PATENT OFFICE.

FREDERICK A. S. PERRY, OF NEW YORK, N. Y.

SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 337,076, dated March 2, 1886.

Application filed September 30, 1885. Serial No. 178,637. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK A. S. PERRY, of the city, county, and State of New York, have invented certain new and useful Improvements in Window-Blind Closers and Locks, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of one of my improved window-blind closers and locks, illustrating its use, the blind being shown open and in section through the line *x x x x x*, Fig. 2. Fig. 2 is a front elevation of the same, the blind being shown open, and with its upper part broken away. Fig. 3 is a sectional elevation of the same, taken through the line *y y*, Fig. 2, the blind being shown closed.

The object of this invention is to provide window-blind closers and locks constructed in such a manner that the blinds can be readily closed without its being necessary to extend the arm out of the windows to release the said blinds from their open positions, and by means of which the blinds can be locked in place when closed.

The invention consists in the peculiar construction and arrangement of parts, all as hereinafter fully described, and pointed out in the claims.

A represents the wall of a building, B a window-casing, and C an ordinary window-blind. D is an ordinary fastening-latch, which, when the blind C is open, engages with a catch, E, attached to the wall A, and when the blind C is closed engages with a catch, F, attached to the bottom of the casing B. The latch D passes through a slot in the bottom bar of the blind C, and through a slot in a plate, G, attached to the said bar, and is kept in place by a spring, H, attached to the said plate G. The end of the spring H enters a recess in the edge of the latch D, a corresponding recess in the other edge of the said latch receiving the edge of the plate G and hinging the said latch in place. The spring H also brings the latch D into place after being swung back to disconnect it from the catch E or F, and holds it in position to engage with the said catches when the blind C is swung open or shut.

To the inner end of the latch D is hinged the end of a rod, I, which slides in keepers J, attached to the bottom bar of the blind C, and has a thumb-piece, K, formed upon its free end, to serve as a handle in operating it.

The rod I is provided with an offset at *i*, and has a joint, L, formed in it near the offset and between the latch D and the adjacent keeper J, so that the said rod can slide in a straight line through the keepers J, while its forward end moves through the arc of a circle with the end of the latch D.

The movement of the jointed rod I is limited by a pin, M, attached to it, and which passes through a slot, N, in one of the keepers J.

The jointed rod I is made of such a length that the thumb-piece K will be near the hinged edge of the blind C, so that it can be reached when the blind is open, and operated to unfasten the said blind without its being necessary for the operator to lean out of the window or to extend his arm out of the window to close the blind.

To the blind C, near its lower outer corner, is pivoted a hook-catch, O, the engaging end of which is made in wedge form, to engage with a shoulder, P, formed upon the edge of the inner end of the latch D, to lock the said latch in place when the blind C is closed, and thus prevent the said latch from being unfastened from outside the window.

To the blind C is attached a pin, Q, or other stop, to prevent the hook-catch O from being swung back too far when disengaged from the latch D.

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

1. A shutter fastener consisting of a latch adapted to be held in a slot in the blind and projecting from opposite sides of the same to engage alternately catches on the wall and casing, a spring engaging the latch, a sliding jointed rod connected to said latch, and a hooked catch pivoted to the blind and adapted to engage the latch, as set forth.

2. In a shutter-fastener, the combination, with the blind C, having a slot in its bottom bar, and provided with the slotted plate G, of the notched latch D, the spring H, secured to the plate G and having its free end engaging

one of the notches of the latch, and the jointed rod I, connected to the latch and sliding in keepers on the blind, substantially as shown and described.

- 5 3. In a shutter-fastener, the combination, with the latch D, pivoted in a slot in the shutter and provided with the shoulder P, and means for operating the latch, of the pivoted

hook-catch O, having a wedge-shaped end for engaging the latch between its shoulder and 10 shutter, substantially as herein shown and described.

FREDERICK A. S. PERRY.

Witnesses:

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