

W. B. Farrar,
Shutter Fastener.
N^o 84,811. Patented Dec. 8, 1868.

Fig: 1.

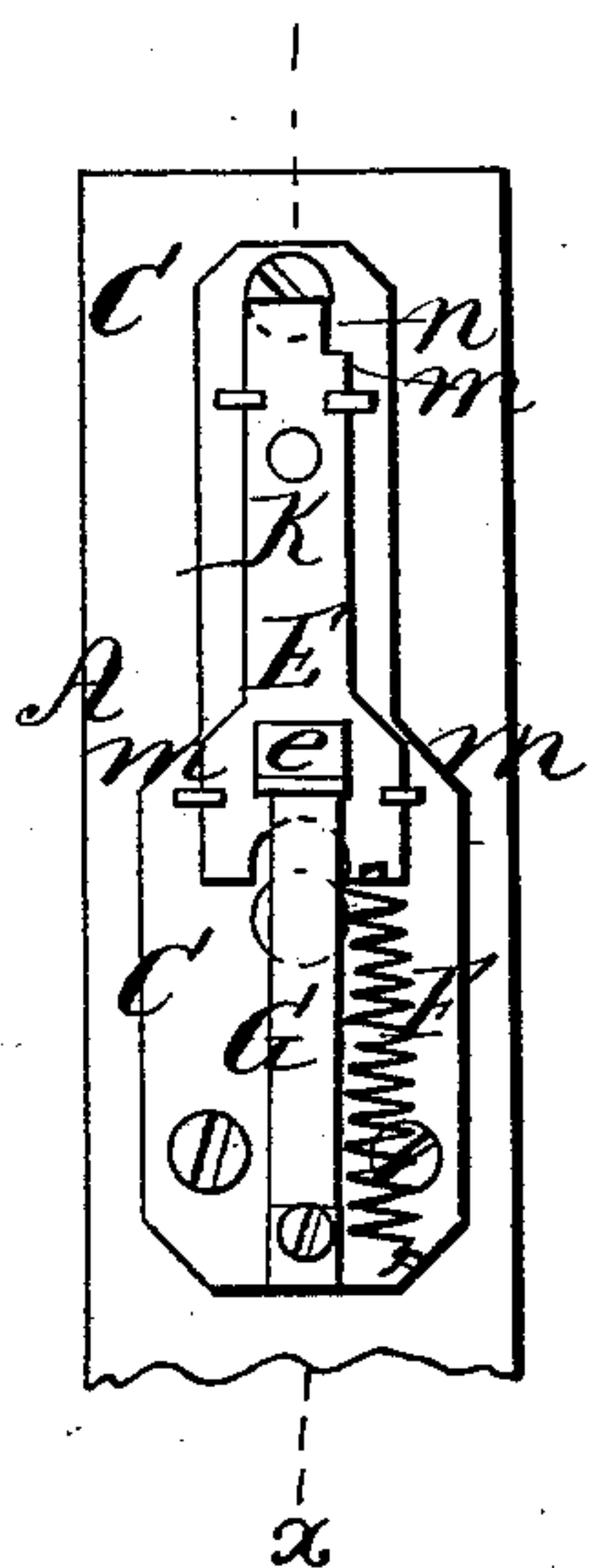
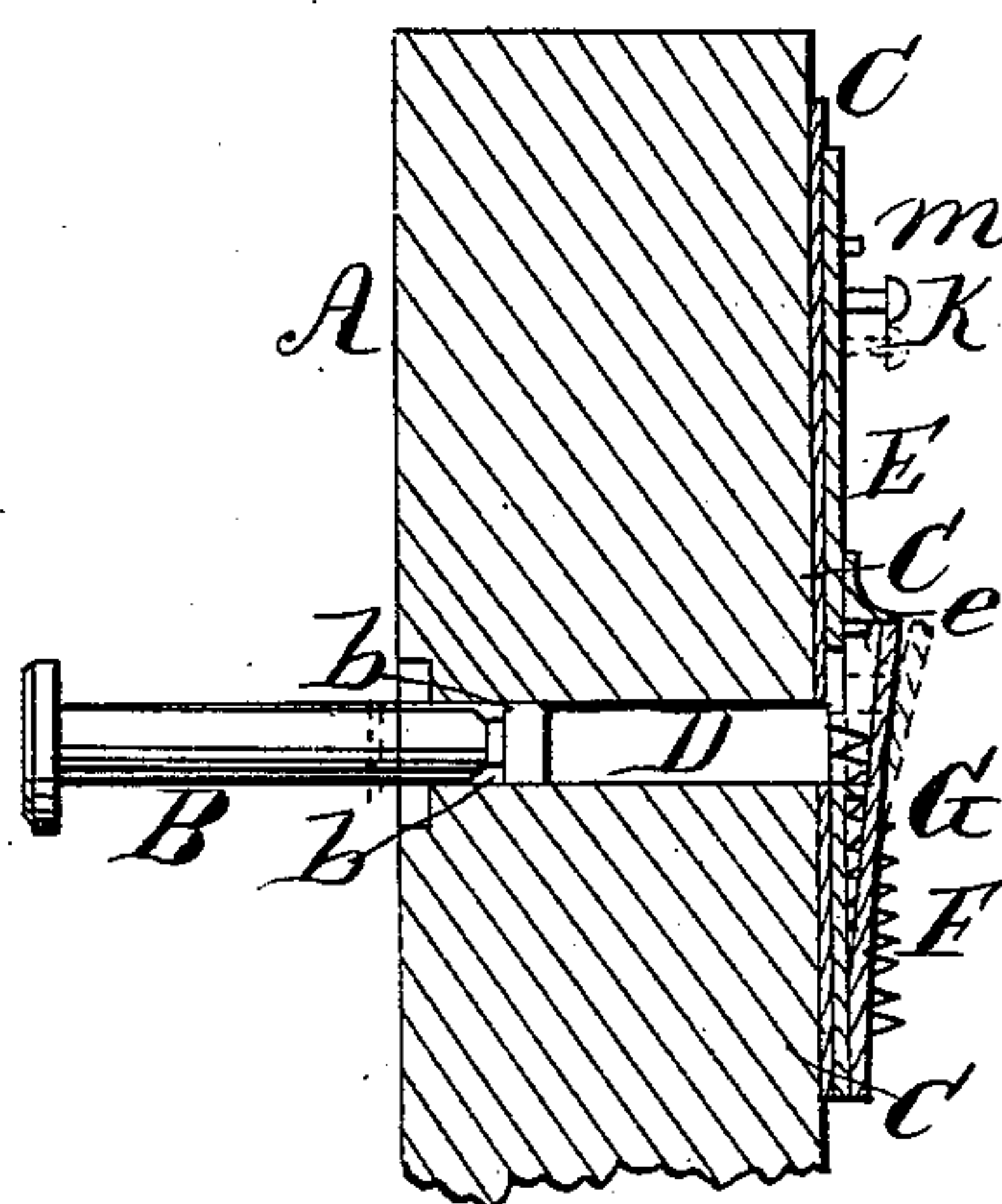


Fig: 2.



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UNITED STATES PATENT OFFICE.

W. B. FARRAR, OF GREENSBOROUGH, NORTH CAROLINA.

IMPROVEMENT IN SHUTTER AND BLIND FASTENER.

Specification forming part of Letters Patent No. 84,811, dated December 8, 1868.

To all whom it may concern:

Be it known that I, W. B. FARRAR, of Greensborough, in the county of Guilford and State of North Carolina, have invented a new and Improved Shutter and Blind Fastening; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is an elevation of the fastening as seen from the inside of the house. Fig. 2 is a vertical section through the line *x x* of Fig. 1.

This device relates to that class of locks or fastenings which are applied inside of a building to secure the bolt by which the shutter-bar is confined; and consists in a lock so constructed and operating that such bolt cannot be removed by a person outside of the building, while it can be fastened at any time from the outside without the necessity of going within.

In the drawings, A represents the wall or casement of the building; B, the bolt by which the end of the bar that confines the shutters or blinds is fastened; and C, the plate attached to the inside of the wall or casement, which supports the various parts of the lock. This bolt is formed with a nick or notch, *b*, around or across it, near its lower extremity, which, when the bolt is forced through the aperture D in the casement, comes just inside of the plate C, and into which drops a plate, E, actuated by a spring, F, and prevents the bolt from being withdrawn by any person outside of the building.

The plate E is provided with a shoulder or knob, *e*, which, when the plate is slid upward, rests against the end of a flat spring, G. The spring drops under the shoulder or knob, and thus holds the plate, keeping it out of the way of the bolt B.

The end of the bolt projects so far inward that when the bolt is forced in its end knocks the flat spring out from under the shoulder or knob, leaving the plate E to be drawn down by the spiral spring F and fasten the bolt, as above described.

When the plate E is slid up again by some

person inside of the building, as the knob escapes from under the spring the latter springs down against the face of plate C with considerable force, driving the bolt partially or entirely out of the socket D, and assisting in unfastening and opening the shutter or blind.

The slide E is guided and held in place between pins *m m m m*, and is provided with a notch, *n*, in one side, at its upper end, which drops under one of the pins *m*, and prevents the plate from being slid directly up again, locking the latter in position, and confining the bolt very securely.

The plate is caused to move in such a manner as invariably to bring this notch under the pin, the spring F drawing upon one corner of the plate, so as to force the latter sideways and insure its locking.

When any person desires to unlock the device, he must take hold of a knob, *k*, force the plate E to the left till the notch *n* is free from the pin *m*, and then slide the plate up till the spring G drops from the boss *e* and forces the bolt out.

To lock the device, on the other hand, it is only necessary to force the bolt through the socket D, so as to knock the spring G from under the shoulder *e*, and leave the other spring, F, free to operate the plate E, as above set forth.

It is evident that, while the apparatus can be readily and securely locked from the outside, it can be unlocked only from the inside of the building.

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

1. The tumbler E, in combination with the stop G, both operating in connection with the bolt B, as and for the purpose specified.

2. The combination and arrangement of the springs F and G, plate E, shoulder *n*, pins *m m*, knob *e*, and bolt B, having the notch *b*, when constructed to operate substantially as and for the purpose set forth.

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Witnesses:

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