

(No Model.)

M. H., J. G. & E. N. REASER.

SHUTTER FASTENER.

No. 335,960.

Patented Feb. 9, 1886.

Fig. 1.

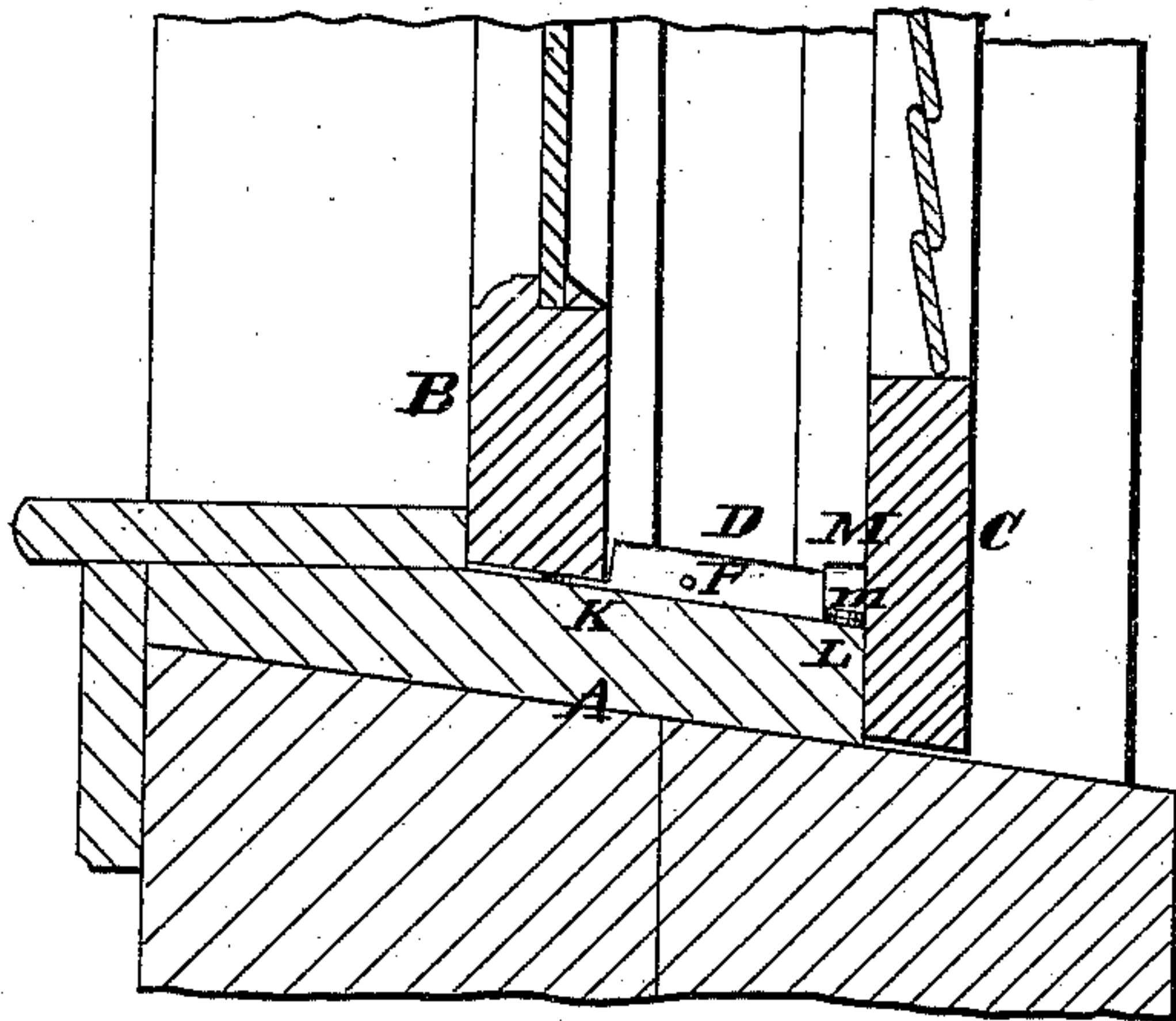


Fig. 2.

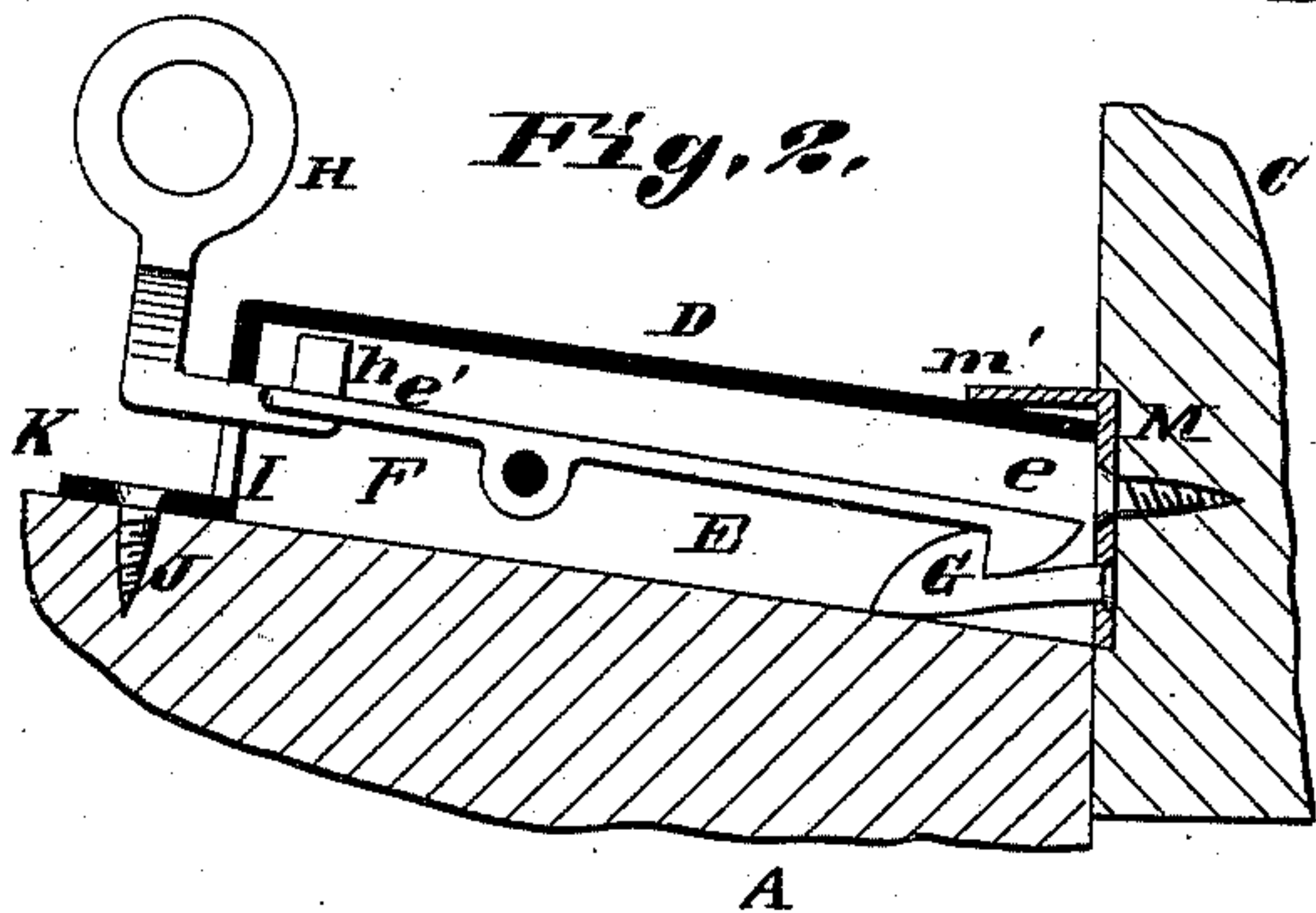


Fig. 3.

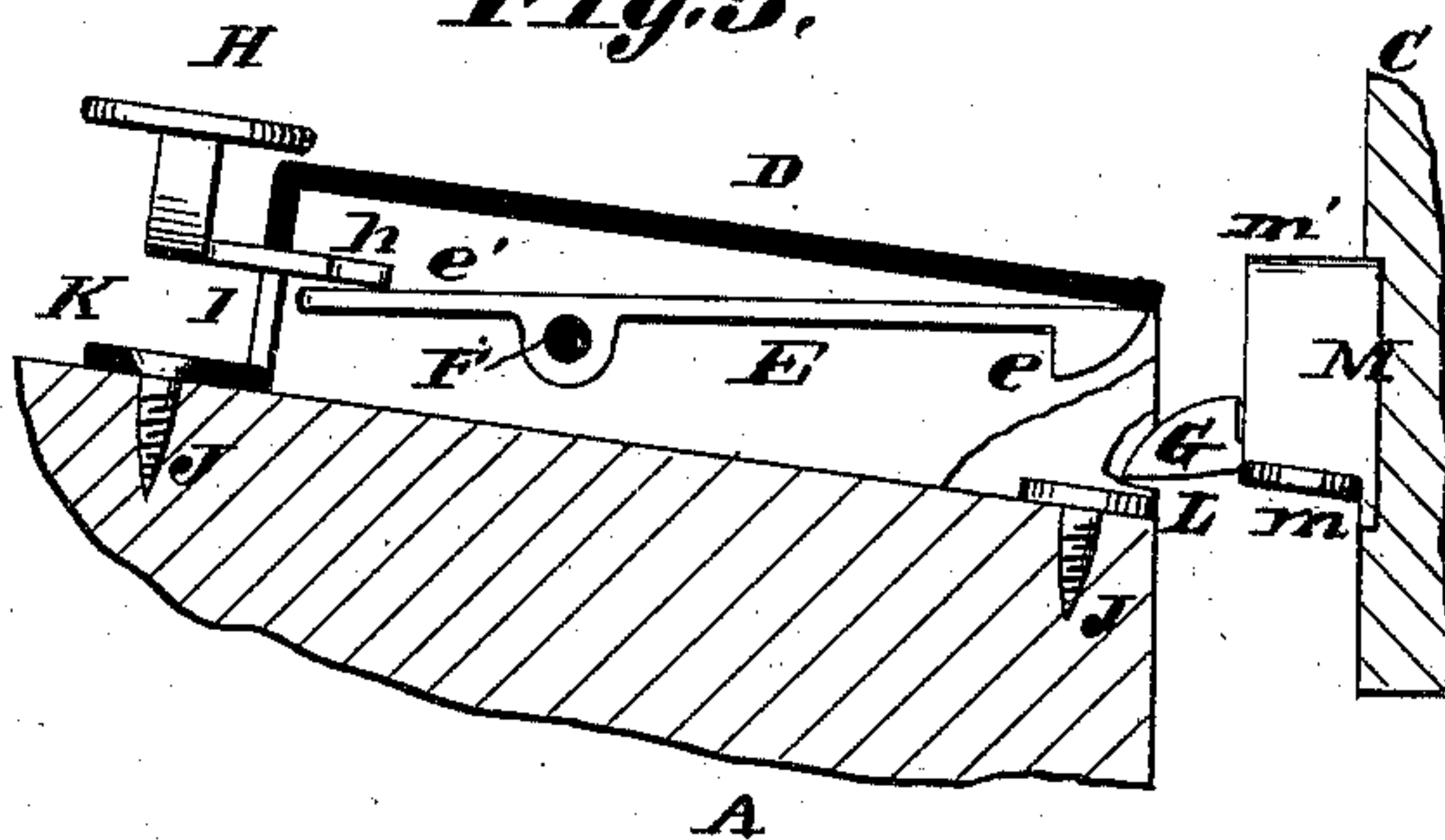
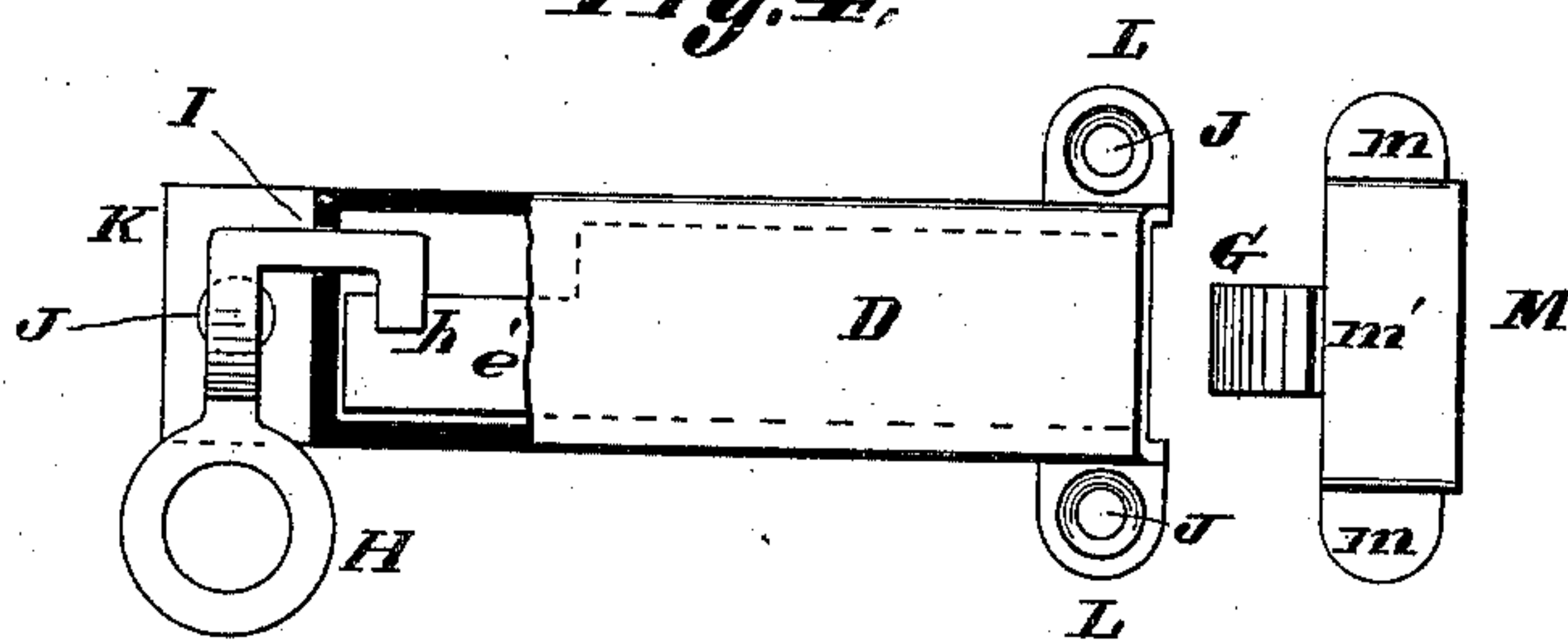


Fig. 4.



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SHUTTER-FASTENER.

SPECIFICATION forming part of Letters Patent No. 335,960, dated February 9, 1886.

Application filed March 14, 1885. Serial No. 158,903. (No model.)

To all whom it may concern:

Be it known that we, MATTHEW H. REASER, JOSEPH G. REASER, and EBEN N. REASER, all of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Shutter-Locks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

Our invention consists in certain features of novelty hereinafter fully described, and particularly pointed out in the claim.

Figure 1 is a transverse section through a window-sill and the lower part of a sash and shutter, showing the side view of the lock. Fig. 2 is a longitudinal section of the lock, showing the shutter closed; and Fig. 3 is a similar section showing the lock disengaged and the shutter not quite closed. Fig. 4 is a top view of the device, part in horizontal section.

A part of the window-sill is shown at A, of the sash at B, and of the shutter at C.

D is the case of the lock, having a drop-catch, E, which works on a pintle, F. The catch has a hook, e, inclined at the end, as shown, so that the hook G of the shutter, which is made of a substantially similar shape, shall lift the hook e as the shutter closes against the sill. The drop-catch E has a tail, e', which is acted on by a key, H, that presses down the tail and lifts the hook e to allow the shutter to be opened.

I is the key-hole, which, it will be seen, is not in line with the tail, so that the top of the key-hole furnishes a fulcrum for the stem of the key as the key is turned in the position shown in Fig. 4 and its point h pressed down on the tail of the catch.

The case is attached to the sill by three screws, J, passing through lugs K and L. The lug K is at the inner end of the case, so that the sash covers it when closed and prevents access being had to the screw when the sash is in this position. The lugs L are at each side of the case, at the outer end of the same.

M is a flanged bracket which has lugs or lips m, the flange m' projecting at right angles from the shutter and embracing the outer end of the case D when the shutter is closed, as seen in Figs. 1 and 2. The lips m at the same time cover the screws in lugs L and prevent their removal when the shutter is closed. It will be seen that the key-hole I is closed by the lower bar of the sash when the latter is shut down.

The purpose of our lock is to furnish a fastening that cannot be reached from the outside, even after the shutter-slats e have been cut out, and which shall not be clogged by snow or ice. A spring may be added, if preferred, to depress the drop-catch, but it is regarded as superfluous. The pintle F may be placed so near to the hook e that the key end or tail of the bar E may have preponderance in weight over the outer end and the hooks e and G reversed in position, so that the hook e shall engage that G by an upward movement, or the hooks being in the latter position, the hook e may be thrown up by a spring.

Either the hook e or that G may be in form of an eye or loop or staple.

We are aware that it is not broadly new to secure one part to another by screws in such a manner as to prevent access to the heads of said screws when the parts are in certain positions relatively to each other, and do not claim such as our invention.

We claim—

The combination, with the window-sill A, the pivoted latch E, and the case D, covering said latch and having lugs K and L, for the purpose set forth, of the sash B, adapted when closed to cover the lug K, and the shutter C, having the lugs m for covering the lugs L, as and for the purpose set forth.

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Witnesses:

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