

(No Model.)

A. B. RICHARDSON.
SASH FASTENER.

No. 436,926.

Patented Sept. 23, 1890.

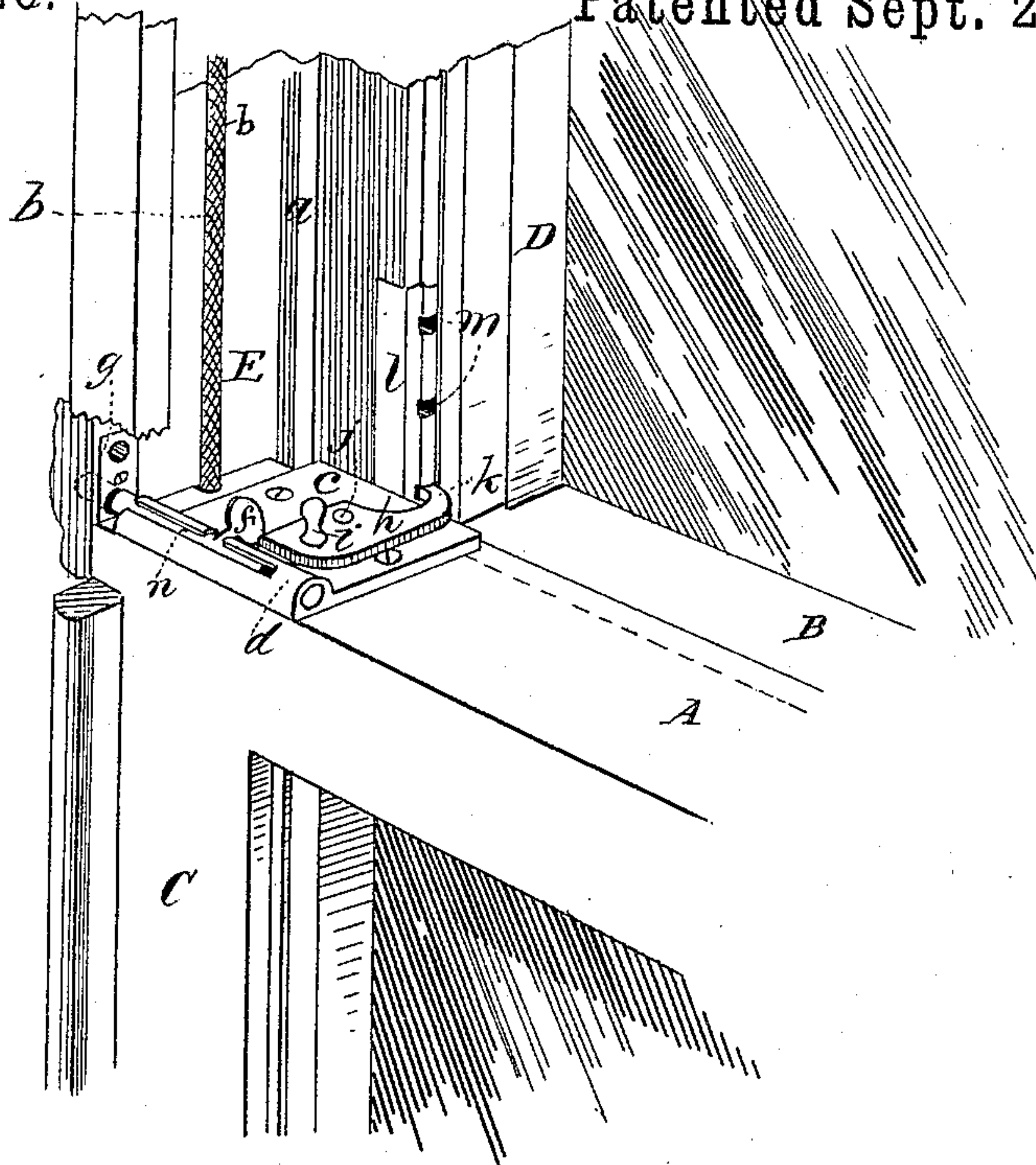


Fig. 1.

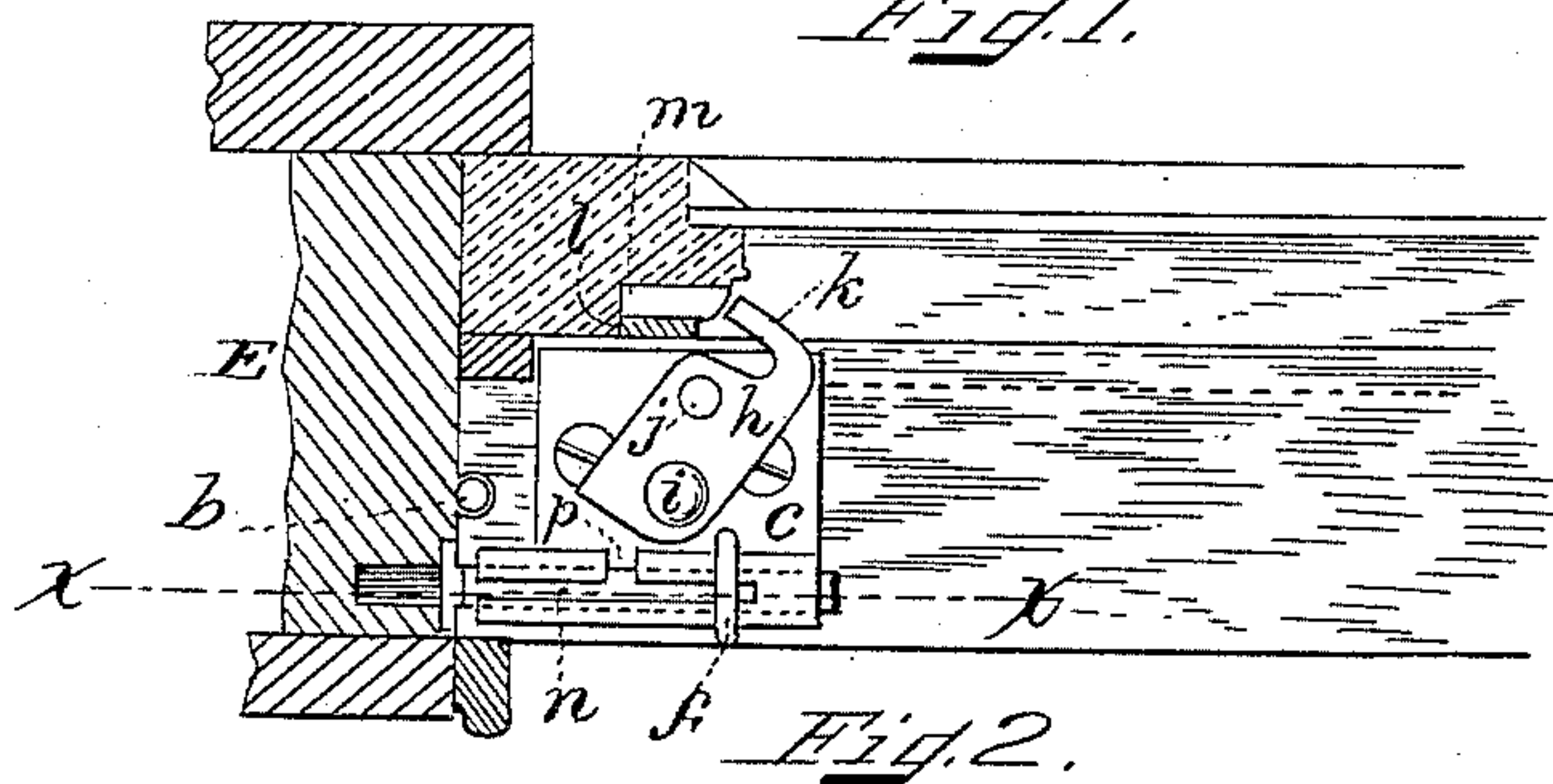
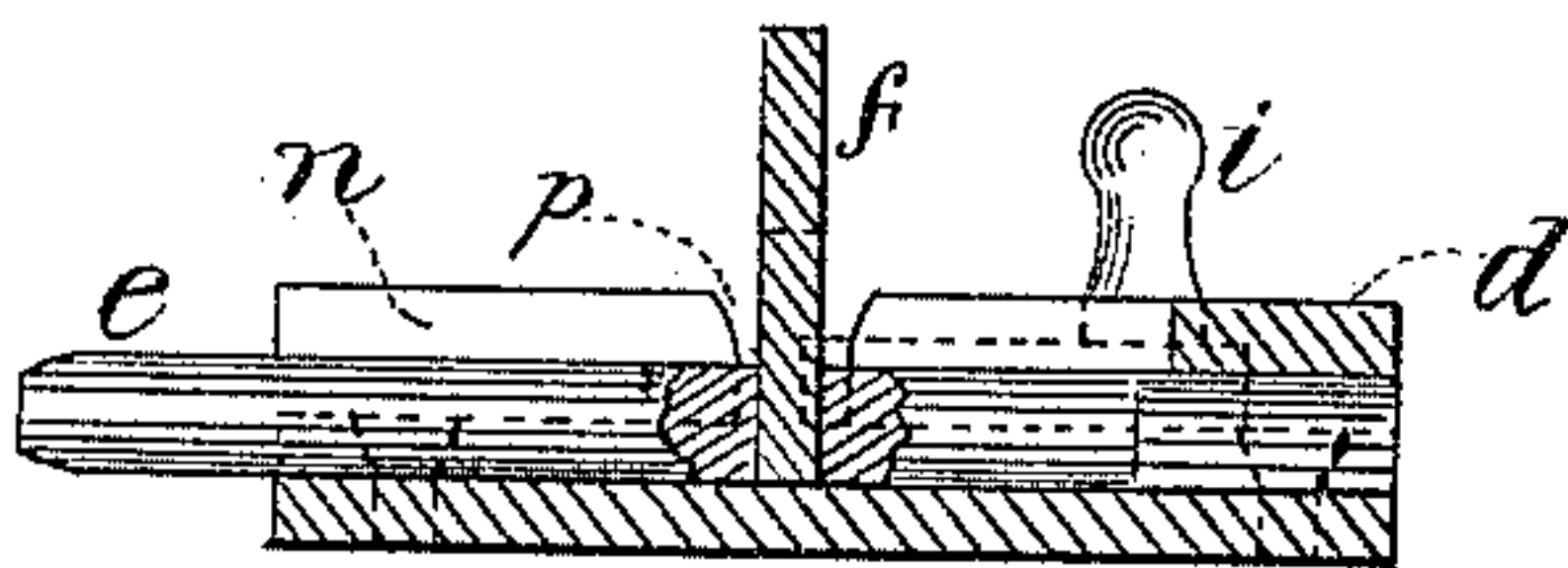


Fig. 3.



Witnesses
Eugene Humphrey.
Ralph W. Hopper.

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UNITED STATES PATENT OFFICE.

ALBERT B. RICHARDSON, OF HAMILTON, MASSACHUSETTS.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 436,926, dated September 23, 1890.

Application filed April 9, 1890. Serial No. 347,220. (No model.)

To all whom it may concern:

Be it known that I, ALBERT B. RICHARDSON, of Hamilton, in the county of Essex and State of Massachusetts, have invented a new and useful Improvement in Sash-Locks, which will, in connection with the accompanying drawings, be hereinafter fully described, and specifically defined in the appended claim.

In said drawings, Figure 1 is a perspective view showing my invention in connection with portions of the upper and lower sash and jamb-casing. Fig. 2 is a top plan view of Fig. 1, with certain parts in transverse section. Fig. 3 is a vertical section taken on line X X, through the sash-fastener.

The object of my invention is to provide a fastener by which the upper and lower sash may be securely locked together when both are closed or when both or either are opened, while both sash may, through the lower one, be locked to the casing, whether both are opened or closed, or when either is opened and the other closed; and the invention consists in certain features of novelty, which will be hereinafter fully described, and specified in the claim.

Referring again to said drawings, A represents the meeting-rail of the lower sash, and B is the meeting-rail of the upper sash, C being a stile of the lower sash and D of the upper sash, while E is the jamb-casing, the usual parting-bead being shown at *a* and the lower sash-cord at *b*. A bed-plate is shown at *c*, which is secured to the top side of A by screws, as shown. Upon this plate is pivotally secured by pivot *j* the catch *h*, having the hook *k*, that engages in notches *m* in plate *l*, that is secured in stile D of the upper sash, catch *h* being actuated by stud *i* that projects above it.

The foregoing parts are not herein claimed, as they have been already secured to me by

United States Letters Patent No. 423,082, dated March 11, 1890.

At the outer edge of *c*, I form integral with it the tube-like portion *d*, in which is arranged to slide freely the bolt *e*, in which is secured the thumb-piece *f*, the stem of which moves in the longitudinal slot *n*, cut through the wall of *d*, a transverse cut or passage at *p* allowing the turning down of *f* when bolt *e* has been projected into casing E, and plate *g* therein secured, as is shown in Fig. 1; and when *f* is thus turned down upon plate *e* it locks catch *h* in position, so that its hook *k* cannot be disengaged from plate *l* so long as it is thus turned down, the relations of the parts when thus interlocked being clearly shown in Fig. 1.

It will be obvious from this description, in connection with the drawings, that whether either or both the sash be entirely closed or partly opened, with hook *k* engaged in plate *l*, and with bolt *e*, engaged in casing E, and with *f* turned down to lock *h* in such position, by no possibility can the window be farther opened from the outside till the glass is broken, the extent to which my device when locked allows the window to be opened, either at top or bottom, not permitting the introduction of an arm for any purpose.

I claim as my invention—

A sash-lock consisting of bed *c*, provided with catch *h*, having hook *k*, the tube-like portion *d*, with bolt arranged therein and provided with thumb-piece *f*, arranged to lock catch *h* when its hook is engaged in notched plate *l*, all substantially as specified.

ALBERT B. RICHARDSON.

Witnesses:

T. W. PORTER,
EUGENE HUMPHREY.