

(Model.)

E. & H. S. ENSMINGER.

SASH FASTENER.

No. 282,290.

Patented July 31, 1883.

fig 1.

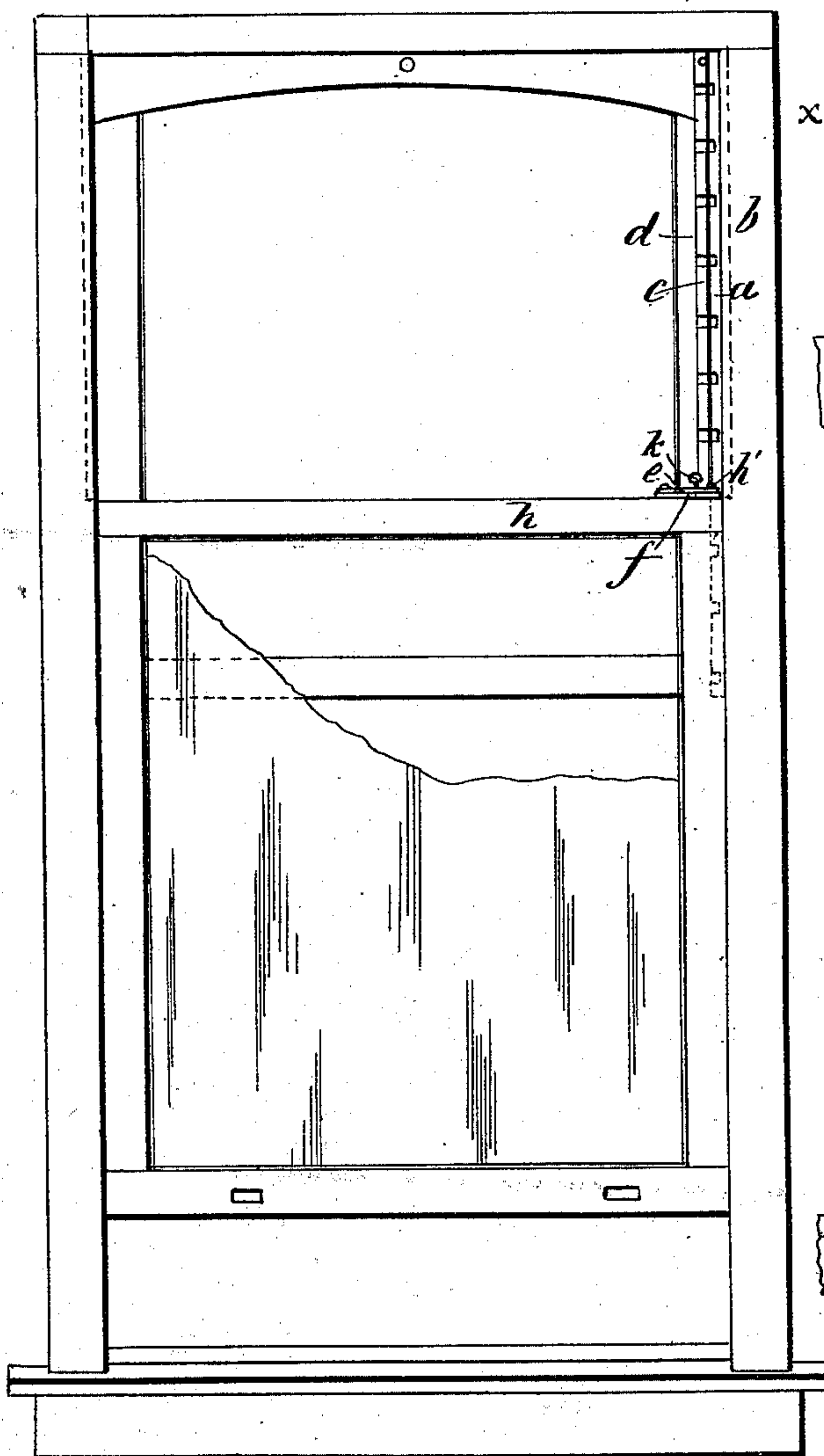


fig 2.

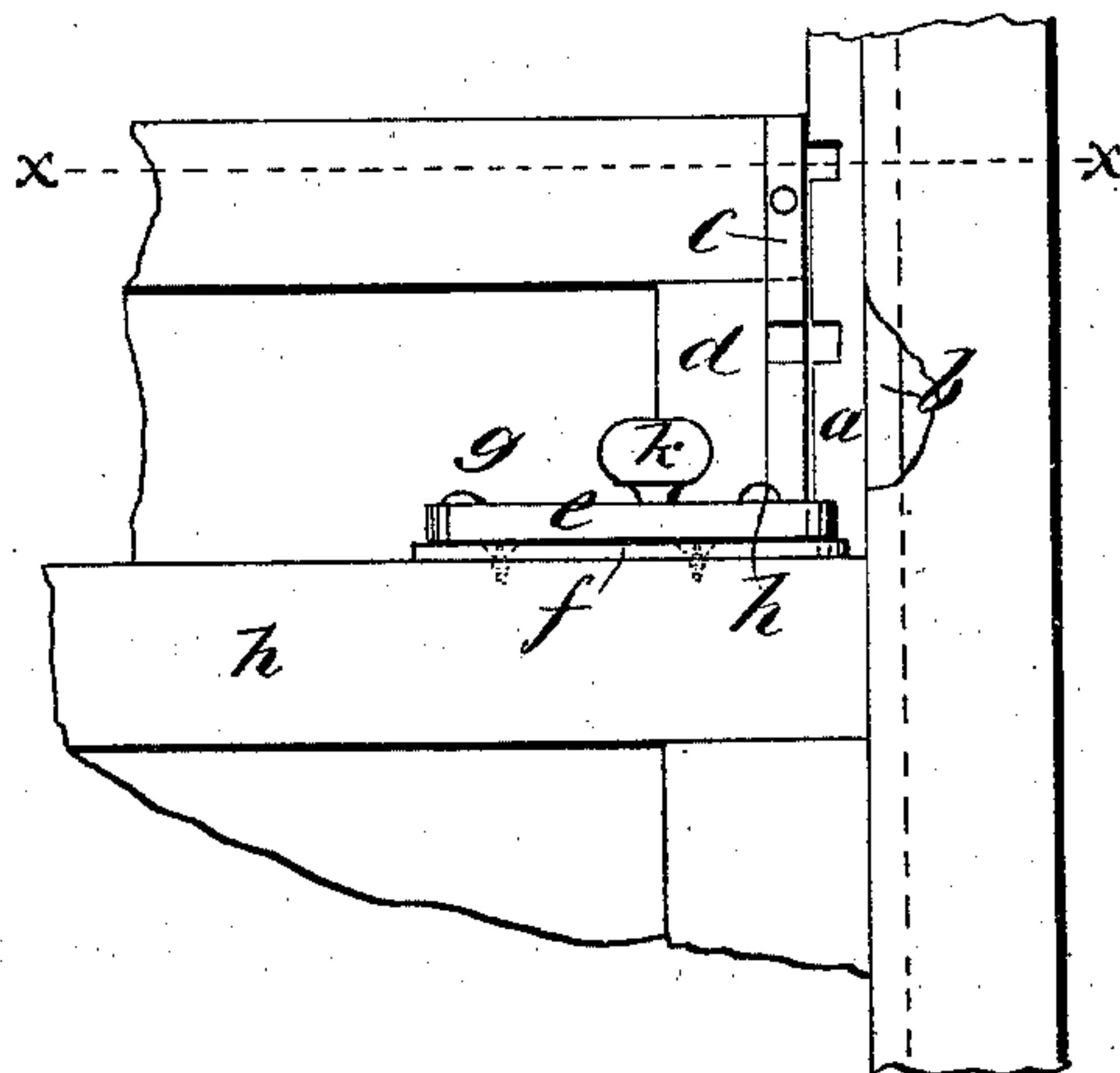


fig 3.

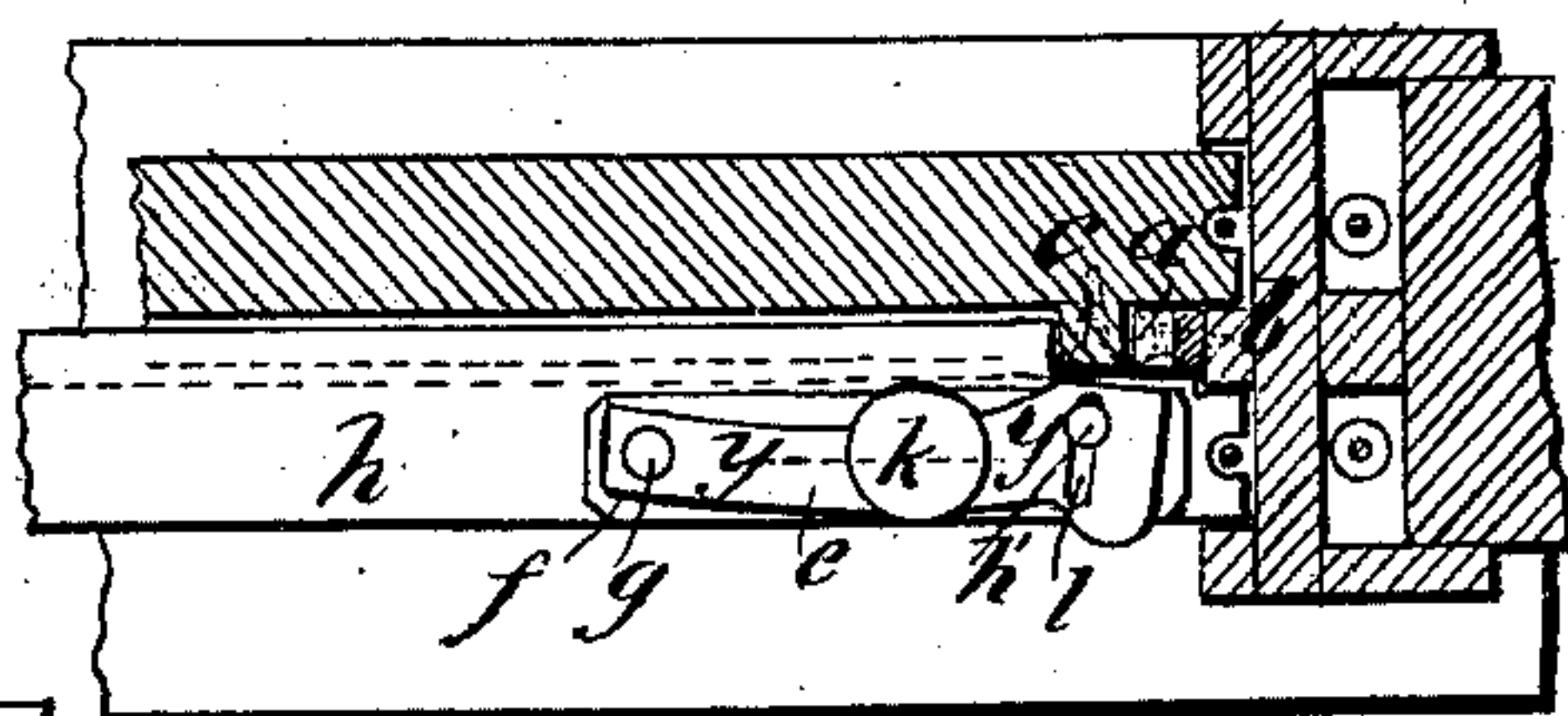
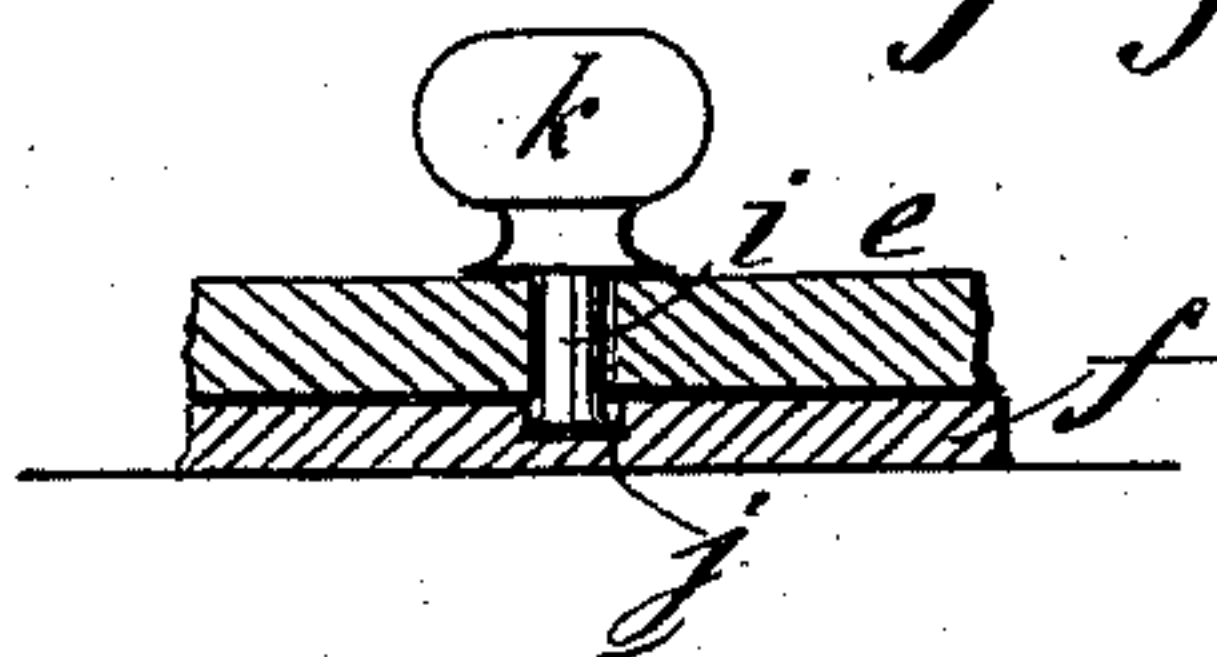


fig 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

EMANUEL ENSMINGER AND HENRY S. ENSMINGER, OF BLOOMINGTON, ILL.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 282,290, dated July 31, 1883.

Application filed April 9, 1883. (Model.)

To all whom it may concern:

Be it known that we, EMANUEL ENSMINGER and HENRY S. ENSMINGER, both of Bloomington, in the county of McLean and State of Illinois, have invented a new and Improved Sash-Lock, of which the following is a full, clear, and exact description.

The invention consists in a latch slotted and pivoted, a knob having a stem, a base-plate having a socket, notched bars in the parting-strip, and an upper-sash stile, all combined as hereinafter described and claimed.

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 front elevation of a window with our improved sash-lock applied to it, showing the upper sash closed and the lower one partly opened and fastened by the said lock. Fig. 2 is an elevation of a portion of the window on an enlarged scale. Fig. 3 is a horizontal section on the line *x x* of Fig. 2, and Fig. 4 is a section of the latch on the line *y y*.

We attach a notched bar, *a*, to the parting-stop *b*, said bar extending from the top or meeting-rail *h* of the lower sash, when down, to the top of the window, and alongside of said notched bar *a* we arrange another one, *c*, on the stile *d* of the upper sash, the lower notch of which coincides with the lower notch of bar *a* when the upper sash is closed; and all may so coincide, if desired; and on the top of meeting-rail *h* we fix a latch, *e*, to engage said notches to hold the lower sash up when raised

and the upper one down or partly down when lowered.

The latch *e* is arranged on a base-plate, *f*, to which it is pivoted at *g*, and is connected by a stud-pin, *h'*, extending through a slot, *l*, of said latch, allowing the latch to be shifted out and in the notches, and forming a stop to prevent it from shifting too far. The plate *f* also has a socket, *j*, into which the stud-pin *i* of the thumb-bit *k* projects to lock the latch, the said latch being fitted by its pivot *g* to spring the stud-pin down into the socket and the weight of the upper sash tending to press it in. The knob *k* is to be raised a little when the latch is to be disconnected for lifting the stud-pin out of the socket.

It will be seen that this simple contrivance affords a ready means of fastening both sashes shut and both open by one latch.

We are aware that a sash lock or button has been formed with a top, front, and two side projections, so as to engage with notches in the upper sash and parting-strip; but

What we claim as new and of our invention is—

The latch *e*, slotted at *l* and pivoted at *g*, the knob *k*, having stem *i*, and the base-plate *f*, having socket *j*, in combination with the correspondingly-notched bars *a c*, arranged, respectively, on the parting-strip *b* and upper-sash stile *d*, as and for the purpose specified.

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Witnesses:

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