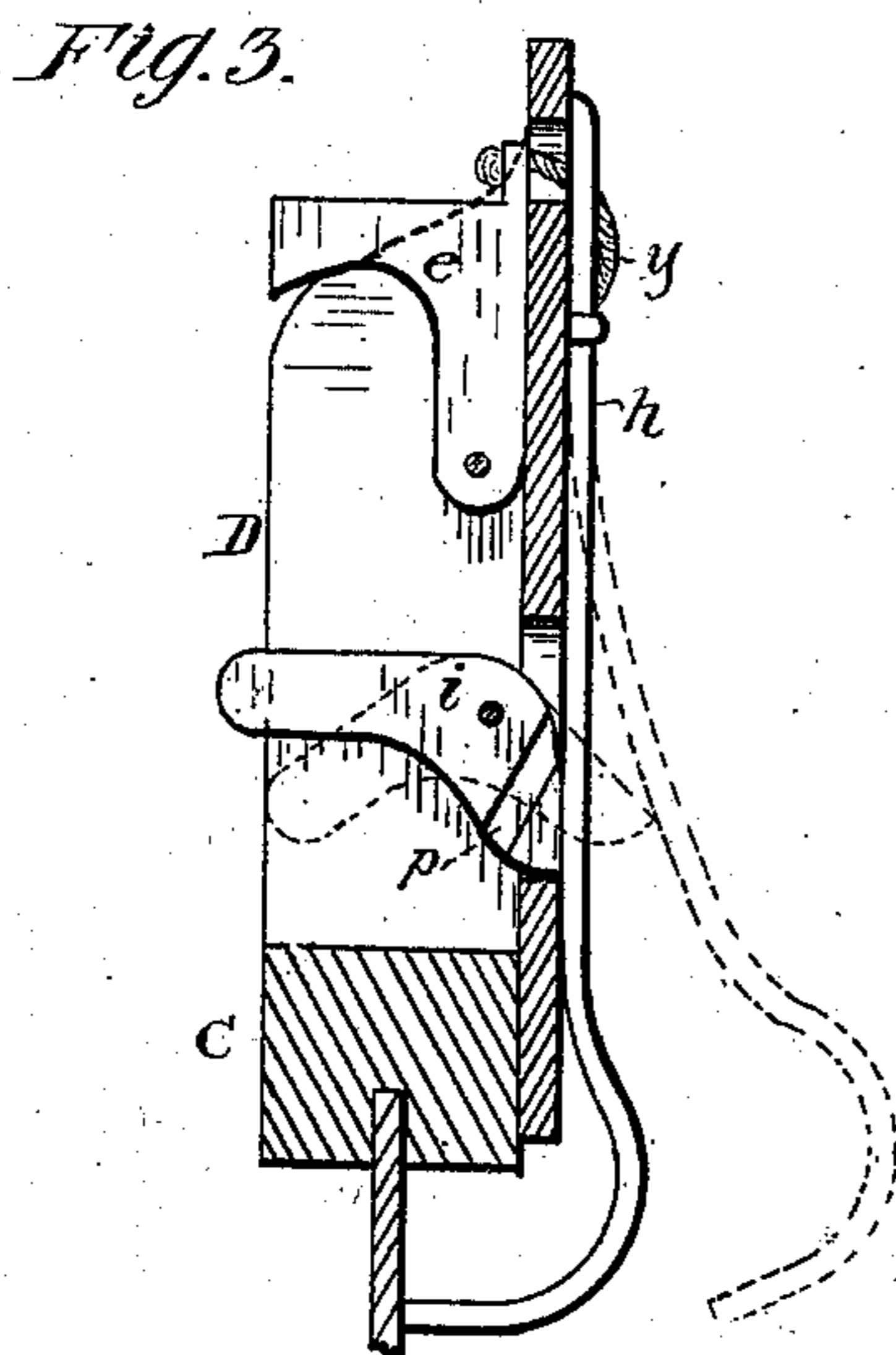
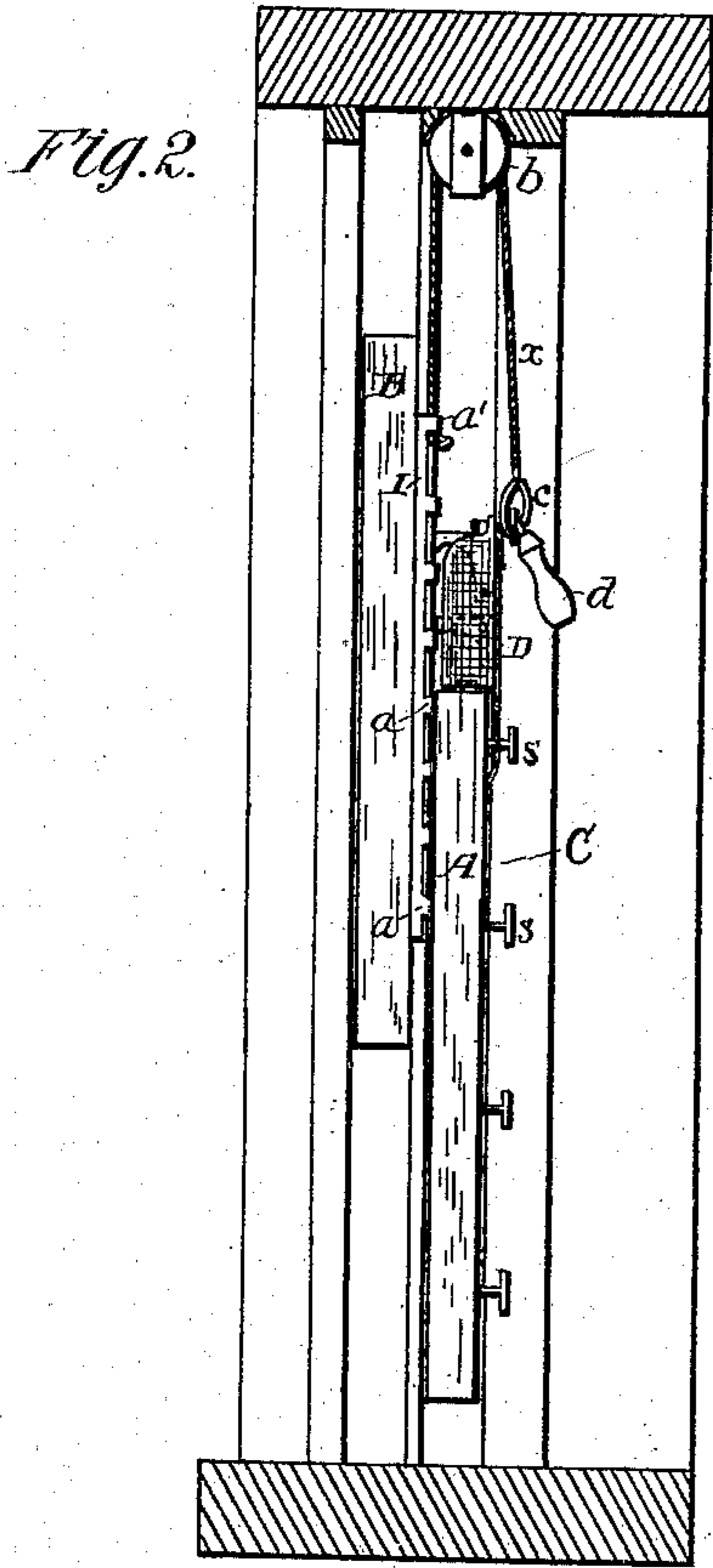


J. WILSON.
Sash-Fastener and Burglar-Alarm.

No. 211,288.

Patented Jan. 7, 1879.



Attest:
Courtney A. Cooper.
William Paxton.

Inventor
Jefferson Wilson
By his attorney
Charles E. Foster

UNITED STATES PATENT OFFICE.

JEFFERSON WILSON, OF BEAVER FALLS, PENNSYLVANIA.

IMPROVEMENT IN SASH-FASTENER AND BURGLAR-ALARM.

Specification forming part of Letters Patent No. **211,288**, dated January 7, 1879; application filed September 17, 1878.

To all whom it may concern:

Be it known that I, JEFFERSON WILSON, of Beaver Falls, Beaver county, Pennsylvania, have invented an Improved Sash-Fastener and Burglar-Alarm, of which the following is a specification:

My invention consists in certain devices constructed to connect sashes together and to give an alarm when one sash is moved independently of the other; and these objects I effect by the construction shown in the drawing, in which—

Figure 1 is an elevation of a window, showing my improvements; Fig. 2, a sectional elevation; and Fig. 3, a detached sectional view, enlarged.

A is the frame of the window, in which slide the unbalanced sashes B C. To the inner face of either upright of the sash B is secured a plate, I, having projections *a* and a lug, *a'*, at the upper end, to which lug is connected a cord or chain, *x*, passing over a pulley, *b*, and having at the end a ring, *c*, and handle *d*.

On the upper edge of the sash C, opposite the plate I, is secured a case, D, in which are pivoted two dogs, *e i*, a cord, *y*, being connected to the upper dog, *e*, and passing through an opening in the case D. The inner end of the dog *i* projects beyond the case, and the lower outer end extends through an opening in the case, and bears against a spring-bar, *h*, the lower end of which is bent so as to bear against one of the window-panes.

To the case D are secured hooks *s*, and in the sash C are openings *t*, to secure similar detachable hooks, upon any one of which the ring *c* may be readily caught by means of the handle *d*, so as to connect the two sashes, that

one may balance the other, thus maintaining both or either in any desired position.

The dog *e*, falling forward, catches beneath the lugs *a* and locks the upper sash in any position to which it may be raised, but may be drawn back to release the sash by means of the cord *y*, and may be retained by passing the cord beneath a spring-finger, *w*.

Should an attempt be made to move one sash independently of the other, the lugs *a*, striking the end of the dog *i*, will vibrate the latter, so that the spring-bar *h* will strike the pane and sound an alarm.

The alarm may be thrown out of operation by depressing the dog *i* until the bar *h* slips into a notch, *p*, in the side of the dog.

It will be seen that the combined alarm, locking, and balancing device consists solely of the plate I, pulley *b*, case D, and its attachments, capable of being readily applied to any window.

I claim—

1. The attachment for window-sashes, consisting of the toothed bar I, adapted to one of the sashes, and the case D, adapted to the other, and provided with dogs *e i* and spring-bar *h*, bent to bear on the pane, as set forth.

2. The combination of the case D, dog *i*, and elastic bar *h*, connected at one end to the case and bearing with the other on the pane, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JEFFERSON WILSON.

Witnesses:

JOHN W. FRY,
T. H. BRACKEN.