

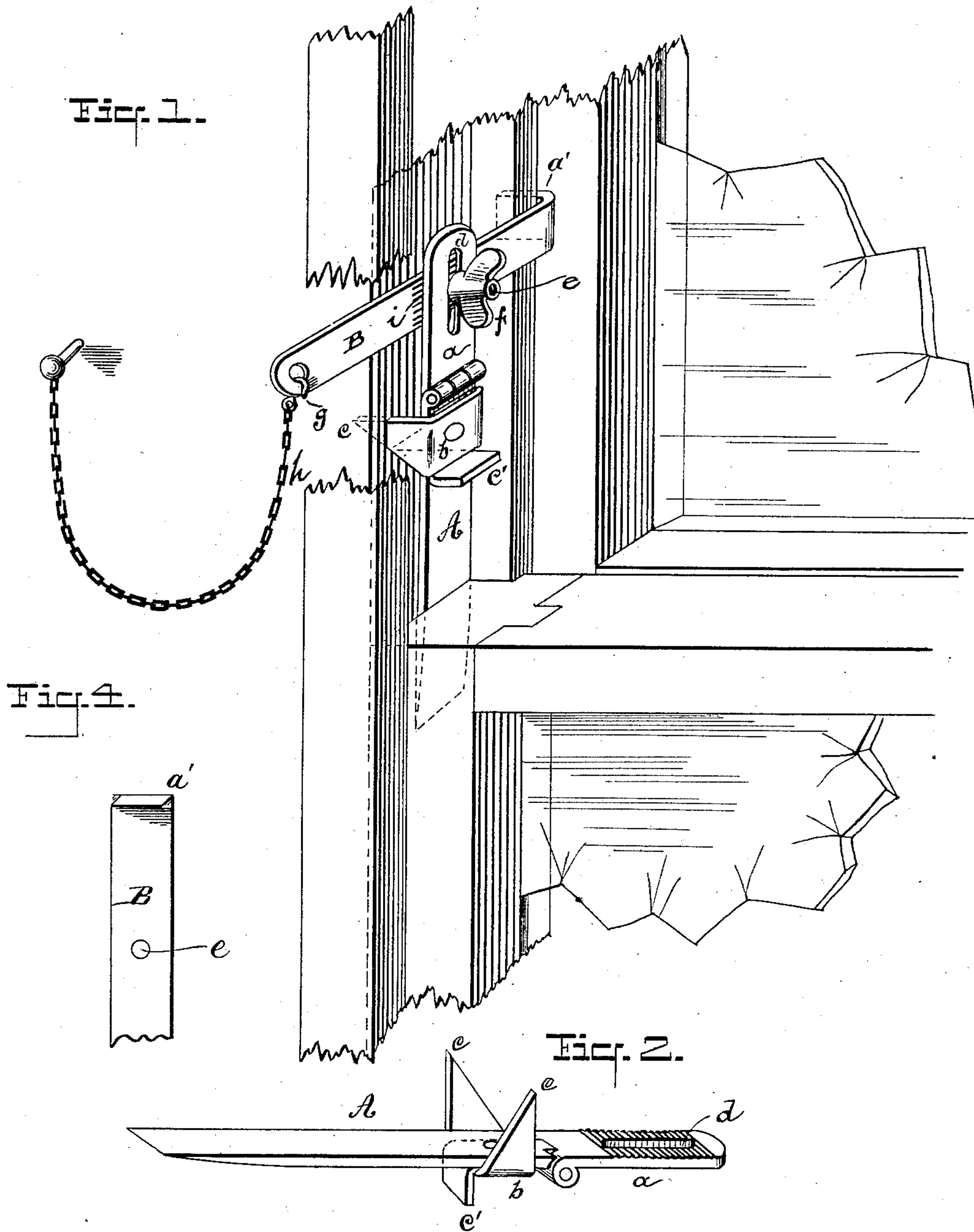
(No Model.)

W. R. ABRAMS.

SASH FASTENER.

No. 362,239.

Patented May 3, 1887.



WITNESSES: Fig. 3.

D. W. Matt
C. Sedgwick

INVENTOR:

W. P. Abrams

BY

Munn Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM R. ABRAMS, OF ELLENSBURG, WASHINGTON TERRITORY.

SASH-FASTENER.

SPECIFICATION forming part of Letters Patent No. 362,239, dated May 3, 1887.

Application filed December 15, 1886. Serial No. 221,597. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM R. ABRAMS, of Ellensburg, in the county of Kittitass, Washington Territory, have invented a new and Improved Window-Fastener, of which the following is a specification, reference being had to the annexed drawings, forming a part thereof, in which—

Figure 1 is a perspective view showing the application of my improved fastener to a window. Figs. 2 and 3 are perspective views of different parts of the fastener, and Fig. 4 is a side elevation of the bar shown in detail in Fig. 3.

Similar letters of reference indicate corresponding parts in all the views.

The object of my invention is to provide a simple and efficient portable window-fastener which may be applied to any window, and which will prevent the lower sash from being raised or the upper sash from being lowered, and will also prevent the window from rattling.

My invention consists in a wedge-shaped plate provided with two prongs and having a slotted hinged end piece, in combination with a cross-bar provided with a threaded stud entering the slotted end piece, and a wing-nut for clamping the bar to the end piece, all as hereinafter more fully described.

The plate A, forming the body of the window-fastener, is wedge-shaped at one end and provided at the opposite end with a hinged end piece, *a*. To the plate A, near the hinge, is secured a plate, *b*, which is bent twice at right angles and provided with pointed ends *c*, inclined in opposite directions and extending beyond one of the faces of the plate A at right angles. To the opposite face of the plate A is secured an arm, *c'*, which projects at right angles from the plate.

The hinged end piece, *a*, is provided with a slot, *d*, and one of its surfaces is roughened for engagement with the roughened surface *i* of the bar B. The bar B is provided with a screw-threaded stud, *e*, which passes through the slot *d* of the end piece, *a*, and receives a wing-nut, *f*, by which the bar B is clamped to the end piece *a*. One end of the bar B is bent at right angles away from the end piece, *a*, forming the arm *a'*, which is beveled on opposite edges to form sharp angles for engaging the sash and window-stop. The

opposite end of the bar B is apertured to receive the hook *g* of the chain *h*.

The fastener is applied to a window by inserting the wedge-shaped end of the plate A between the corner of the lower window-sash and the window-casing, with the end piece, *a*, folded back on the plate A, then pressing the points *c c* into the casing, then raising the hinged end piece, *a*, and inserting the angled end of the bar B between the upper sash and the parting strip, raising the free end of the bar until the angled end thereof bites into the sash and parting-strip, when the hinged end piece, *a*, and the bar B are clamped securely together by the nut *f*. The upward movement of the lower sash is prevented by the inclined surface of the plate A and by the arm *c'*, and the downward movement of the upper sash is prevented by the engagement of the edges of the angled end of the bar B with the sash and parting-strip.

It is obvious that with my improved fastener a window which is partly open at the top and bottom may be secured so that it cannot be opened farther.

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

1. The combination of the plate A, made wedge-shaped at one end and having the slotted end piece, *a*, hinged to the opposite end, the plate *b*, bent twice at right angles, provided with points *c*, and secured to the plate A, and the bar B, provided with the screw-threaded stud *e* and wing-nut *f* and bent at right angles at one end, substantially as described.

2. A fastener for upper and lower sashes, comprising a plate having one end wedge-shaped to enter between the lower sash and the frame, a plate hinged to the opposite end of the said plate and penetrating points intermediate of said ends, and a transverse plate clamped to the hinged plate at right angles thereto, and having its inner end bent at right angles to enter between the side rail of the upper sash and the parting-strip of the window-frame, substantially as set forth.

WILLIAM R. ABRAMS.

Witnesses:

W. H. PETERSON,
F. W. WILSON.