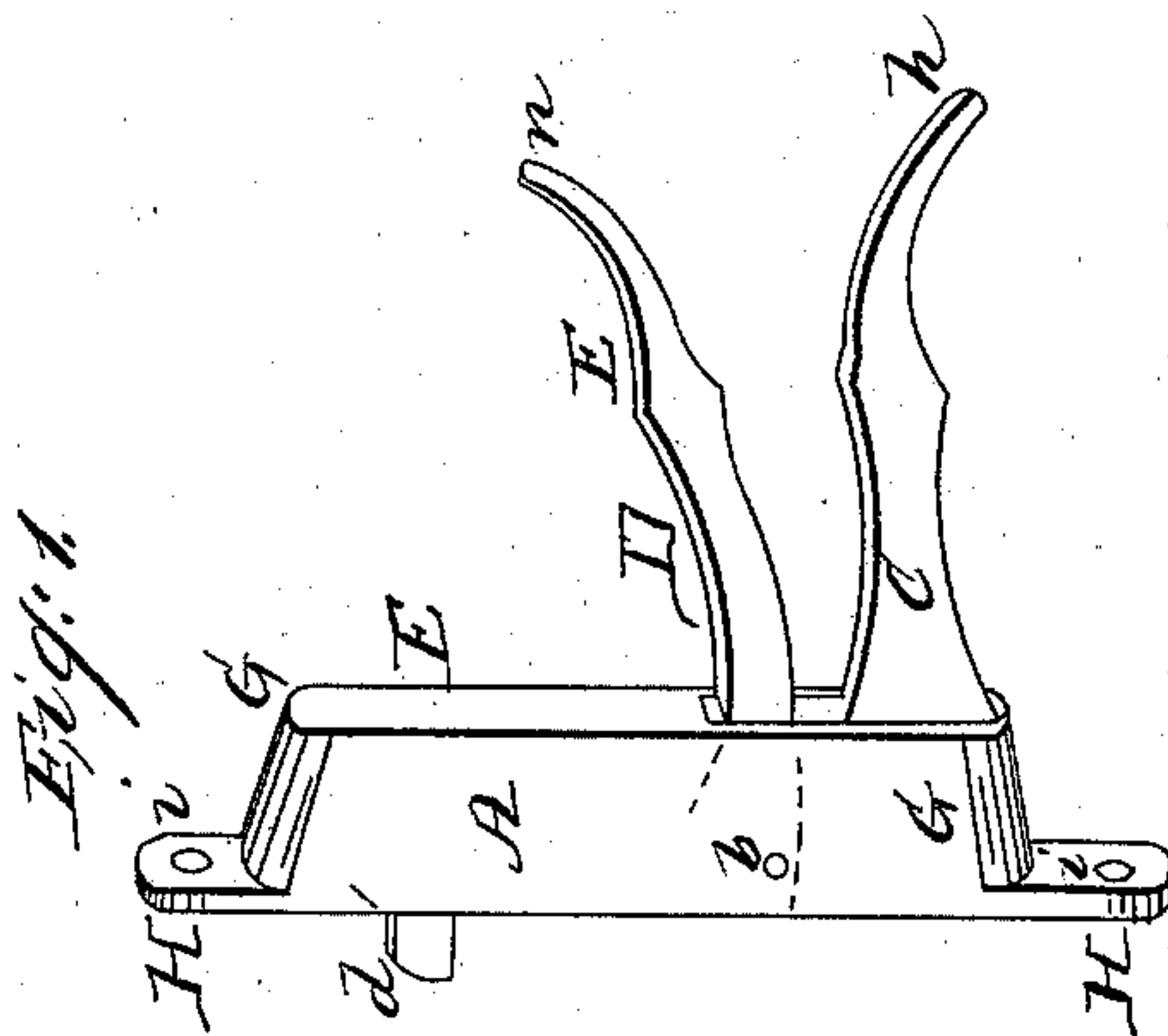
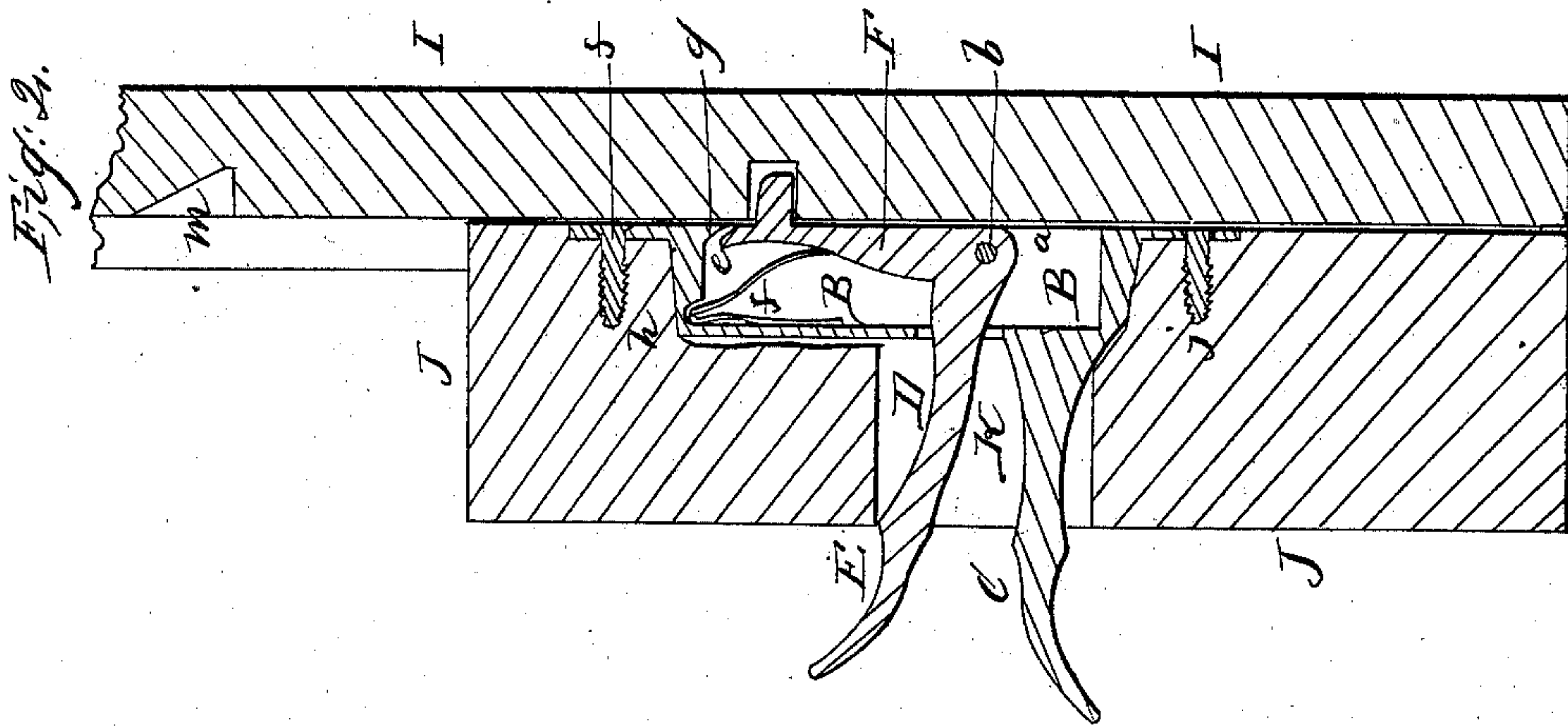


W. J. Ross,
Sash Fastener.

N^o 54,961.

Patented May 22, 1866.



Witnesses:

H. Fuller
Charles Moore

Inventor:

Wm. J. Ross

UNITED STATES PATENT OFFICE.

W. J. ROSS, OF WORCESTER, MASSACHUSETTS.

IMPROVEMENT IN SASH-FASTENERS.

Specification forming part of Letters Patent No. 54,961, dated May 22, 1866.

To all whom it may concern:

Be it known that I, WILLIAM J. ROSS, of the city and county of Worcester, and State of Massachusetts, have invented certain new and useful Improvements in Sash-Locks and Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a perspective view of my improved sash-lock and fastener, and Fig. 2 represents a longitudinal central section of the device when applied to use, a part of the sash and its frame being shown also in section.

In the drawings, A represents the case, frame, or body of the device, which is made of metal and cast hollow, as seen at B, Fig. 2, and open on the front, as seen at *a*, same figure.

From the rear of case A, and near the bottom thereof, projects the lift-piece C, while a locking-lever, D, is pivoted at *b* to the sides of case A. One end, E, of lever D extends through an opening or slot, *c*, in the back of case A, while the other end, F, is provided with a projection, *d*, and a lip, *e*.

A bent spring, *f*, is placed between the front of case A and the end of lever D, by means of which the end F is forced out into the position shown in Fig. 2, lip *e* resting against the edge *g* of case A.

The inner surface of case A is grooved or cored out, as seen at *h*, to receive the curved part of spring *f*, as shown in the drawings.

The ends G G of case A are rounded off and incline in as they extend back, which facilitates the fitting of the device for use. Ears H H have holes *i i* to receive fastening-screws *j*.

In Fig. 2 I represents the side of the window-

frame, which may have notches cut therein in the form shown at *k* and *m*, to receive the locking and fastening projection *d*.

J represents the sash, into the edge of which the case A is fitted, a mortise, K, being cut through the sash, through which the lift-piece C and the end E of lever D both pass.

The operation is as follows: The operator clasps the end *n* of the lift-piece C and lever D and depresses the end E of lever D, thereby withdrawing the projection *d* from notch *k*, when the sash is easily raised by the lift-piece C. When in the position shown in Fig. 2 the sash cannot be raised or lowered until projection *d* is withdrawn from notch *k*; but with notches similar to *m* the window can be run up, but cannot drop or slide down.

The device is applicable to both the upper and lower sash of a window, is simple in construction, and answers both as a catch to prevent the sash falling and as a lock to prevent it from being raised or lowered from without, as shown and described.

Having described my improved sash lock and fastener, what I claim therein as new and of my invention, and desire to secure by Letters Patent, is—

1. The combination, with case A, of the lift-piece C, lever D, with its locking-projection *d*, and spring *f*, substantially as set forth.

2. Making or coring out the case A, as seen at *h*, in combination with the use of spring *f*, as and for the purposes stated.

3. The combination, with the projections *d* and *e* on the end F of lever D, of the edge *g*, as and for the purposes stated.

WM. J. ROSS.

Witnesses:

H. L. FULLER,
CHARLES WOOD.