

G. W. Duboisson,

Sash Lock.

No. 105,787.

Patented July 26, 1870.

Fig 1

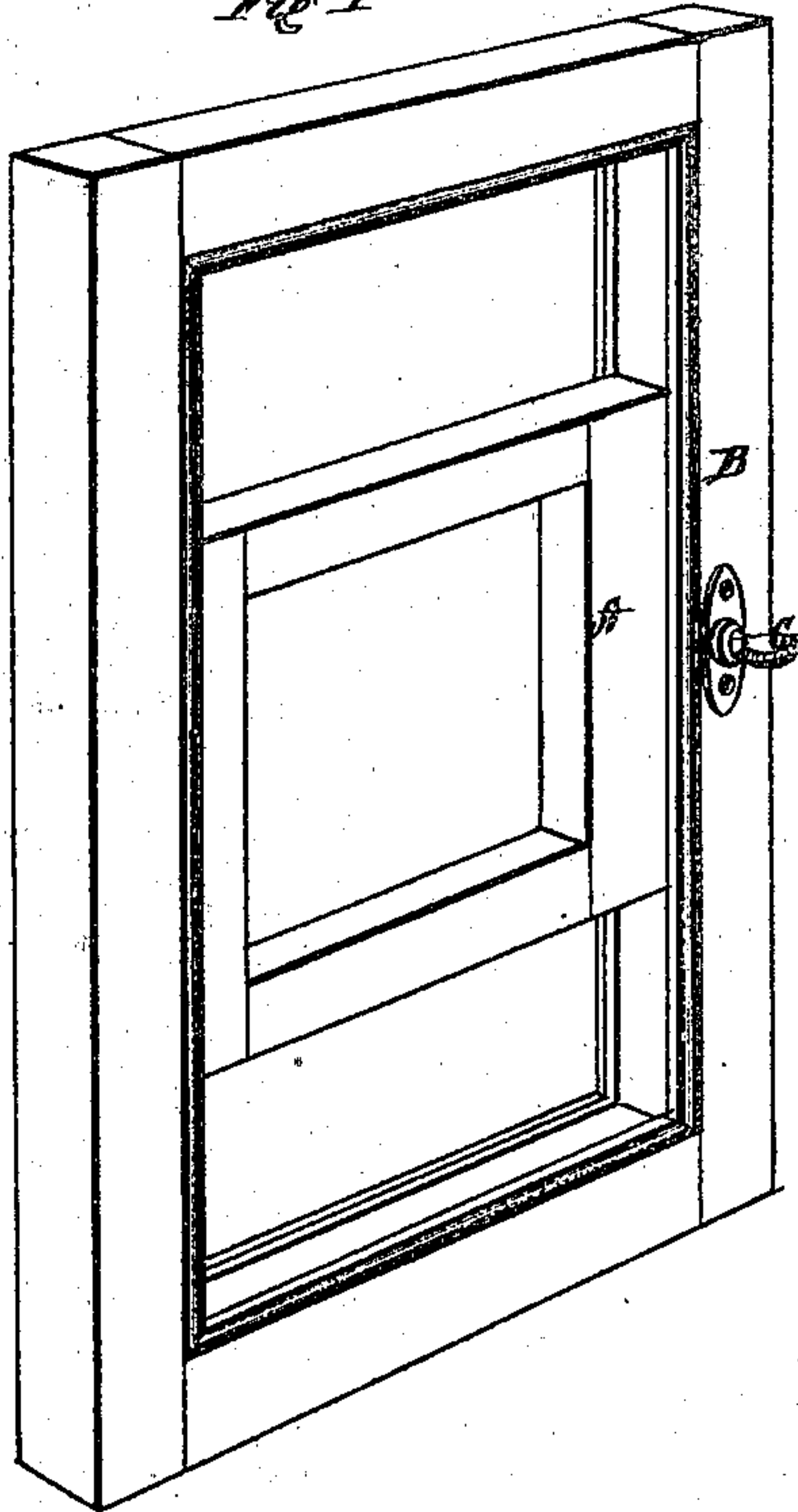
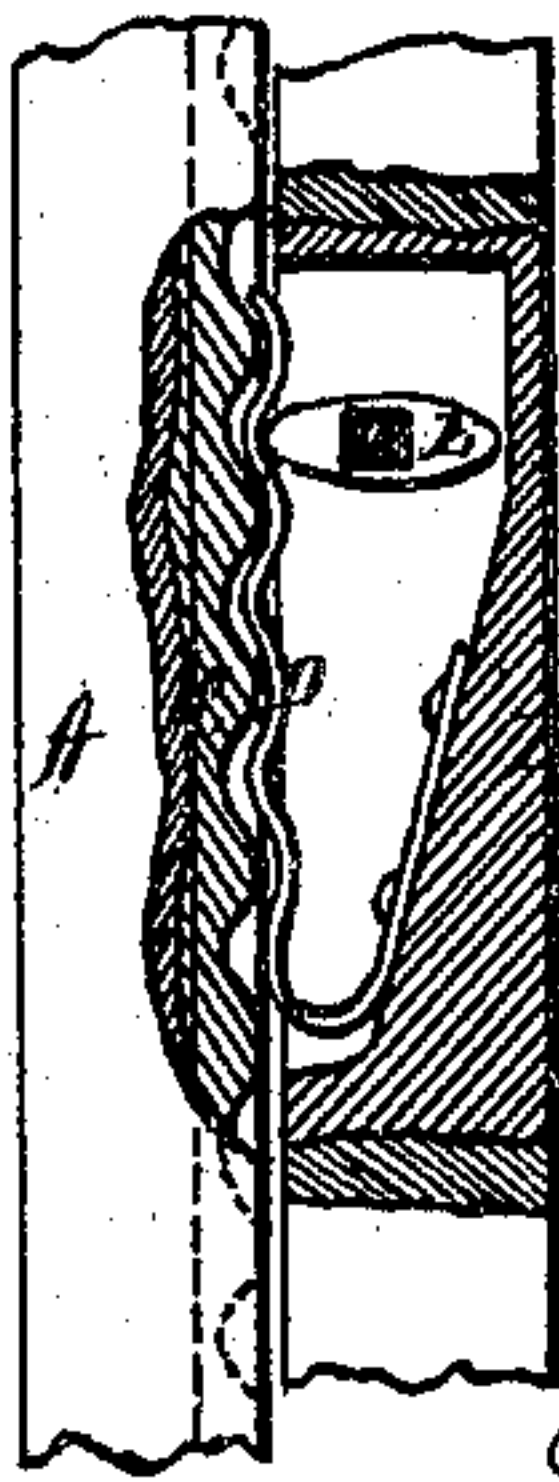


Fig 2



Witnesses.

Harry King.

Ed. Quert.

Inventor.

Geo. W. Duboisson

per

Alexander Macdonald

Attys.

United States Patent Office.

GEORGE W. DUBUISSON, OF NORWICH, CONNECTICUT.

Letters Patent No. 105,787, dated July 26, 1870.

IMPROVEMENT IN SASH-LOCKS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, GEORGE W. DUBUISSON, of Norwich, in the county of New London and in the State of Connecticut, have invented certain new and useful Improvements in Sash-Stop and Lock; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of my invention consists in the construction and arrangement of a "sash-stop and lock," as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of a window-sash and frame with my improvement attached, and

Figure 2 is a vertical section, showing the stop and lock.

A represents the window-sash, and B the window-frame. In the outer edge of one of the upright rails of the window-sash A, a strip is taken out by a suitable plow, cutting about five-eighths or three-quarters inch wide, and half an inch deep.

In the recess thus formed is inserted a strip, C, of corrugated hard wood, flush with the face of the rail. In place of the corrugated-wood strip, a corrugated bar of metal or other suitable material may be used.

In a recess in the window-frame B is inserted a spring, D, bent or straight, as may be desired, with corrugations to fit those in the strip or bar B.

On the inner side of the spring D is placed a cam-shaped button, E, which is operated by a knob or thumb-piece, G, on the outside of the casing, both the button and the knob, being on the same shaft, passing through the inner side of the casing.

The button E, fitting against the frame and dropping into a corrugation in the spring, makes the whole solid, and the sash cannot be raised or lowered. By turning the button away from the spring, the sash can readily be raised or lowered at will.

The spring D forms the sash-stop, as it holds and supports the sash at any height it may be placed, and, by the use of the button E, the sash becomes locked.

This device is very simple, cheap, and easily applied to any window-frame. Nothing appears on the outside but the knob or thumb-piece G.

I am aware that the devices herein shown and described, when taken separately, are of themselves not new.

What I claim is—

In combination with the corrugated strip C on the window-sash A, the corrugated spring D, bent U-shaped, and operated by the cam E in a recess in the frame B, by means of the handle G, all as set forth.

In testimony that I claim the foregoing, I have hereunto set my hand and seal this 28th day of March, 1870.

GEORGE W. DUBUISSON. [L. S.]

Witnesses:

SOLOMON LUCAS,
G. L. BENJAMIN.