

F. N. Violet.

Window-Sash Supporter.

N^o 72765

Patented Dec. 31, 1867.

Fig: 1.

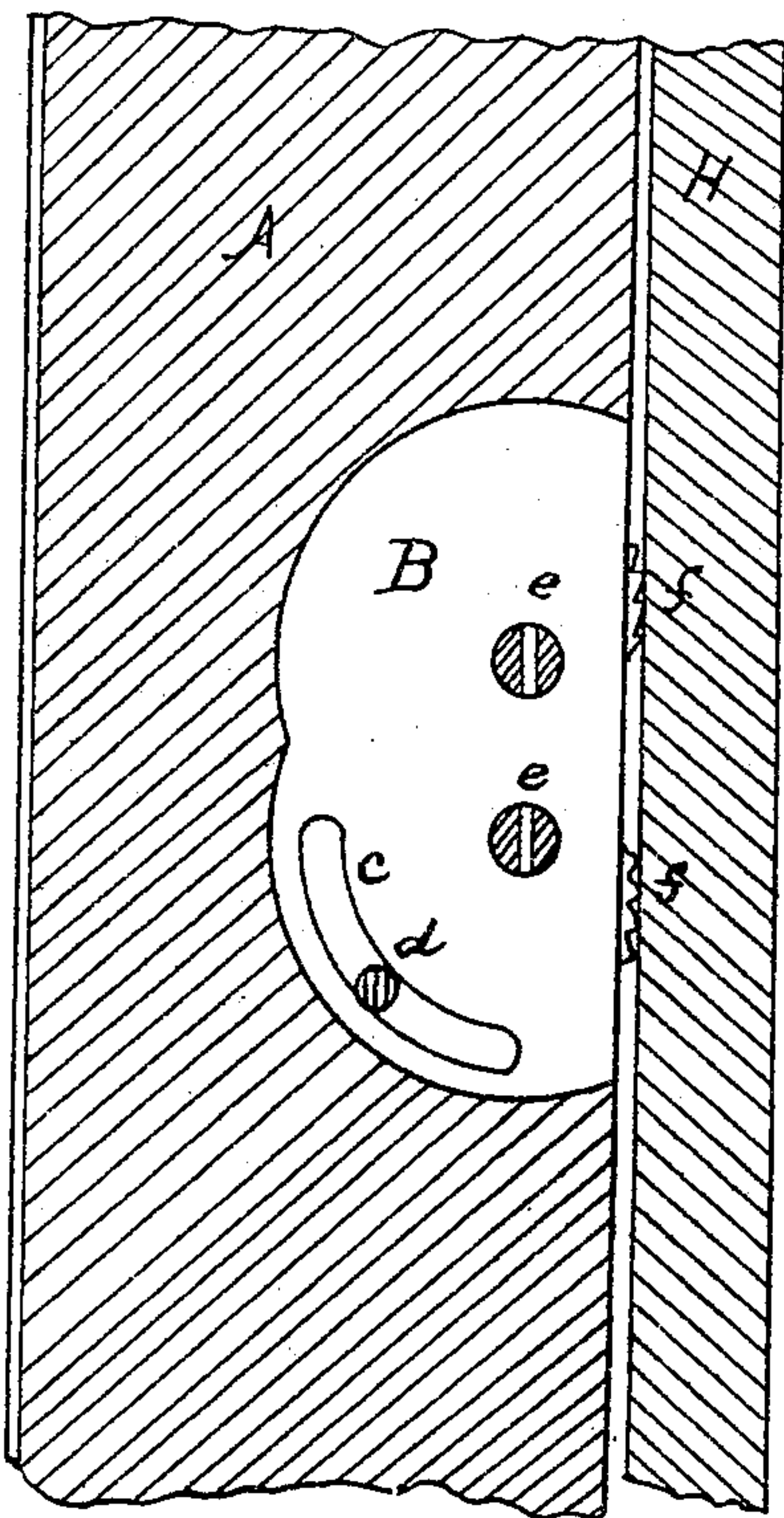
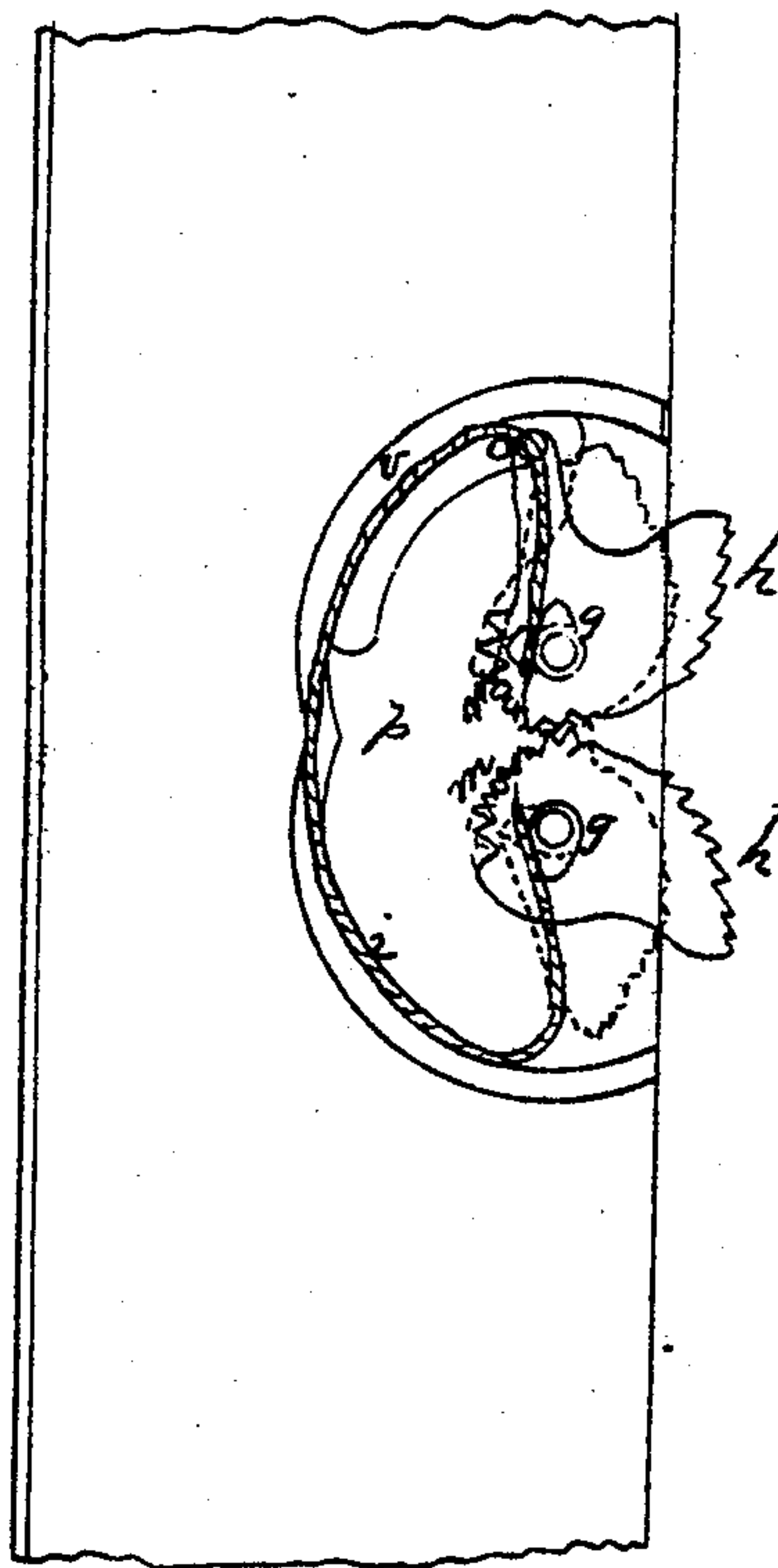


Fig: 2.



Witnesses

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FRANCIS N. VIOLET, OF FOND DU LAC, WISCONSIN.

Letters Patent No. 72,765, dated December 31, 1867.

IMPROVED WINDOW-SASH SUPPORTER.

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

TO WHOM IT MAY CONCERN:

Be it known that I, FRANCIS N. VIOLET, of the city and county of Fond du Lac, State of Wisconsin, have invented a new and useful Improvement in Sash-Locks, of that class which is intended to support and also lock the sash of a window at any desired position without cutting a recess or notch in the frame; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference thereon.

The nature of my invention consists in constructing two cams, provided with cogs at one end of each, and serrated edge, and are confined in a case which is held to the sash by two screws, which also hold the cams in their places, and a spring, which acts upon a protuberance on each cam. The cams are geared into each other, so that by turning the knob, which is part of one cam, it will also turn the other. The spring is made of wire, and so constructed as to press both cams alike, that they may hold readily against the side of the frame of the window.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I make two cams, *h h*, Figure 2, with their protuberance *g g*, and cogs or gears *m m*. I make one of the cams with a pin or knob, *o*, which projects through the case as at *d*, Figure 1. I proceed by making a wire spring, *i*, which is made so as to act upon both cams alike, and is held in its place by a recess in the case at *p*. I also make the case suitable for the reception of the cams and spring, and is provided with two screw-holes, *e e*, which hold the cams in their places, and also hold the whole in the sash, as seen in fig. 1.

A represents part of the sash. *B* is the lock, as when in operation; *H* being part of the side of the frame. Fig. 2 shows the lock in the inside when altogether, the red lines showing the cams as when turned in the case. By turning the knob the black lines show the same cams thrown out by the pressure of the spring. The case is also provided with a rim, *v*, which is the depth of the cams, so as to admit of turning freely upon the screws.

Now, what I claim as my invention, and desire to secure by Letters Patent, is—

The two cams *h h*, with their cogs or gears *m m*, in combination with the case and spring, when the whole is constructed and arranged to operate in the manner and for the purpose herein set forth.

FRANCIS N. VIOLET.

Witnesses:

A. A. DRIGGS,

GEO. P. KNOWLES,