

A. M. Smith,

Sash Fastener.

N^o 43,045.

Patented June 7, 1864.

Fig. 1.

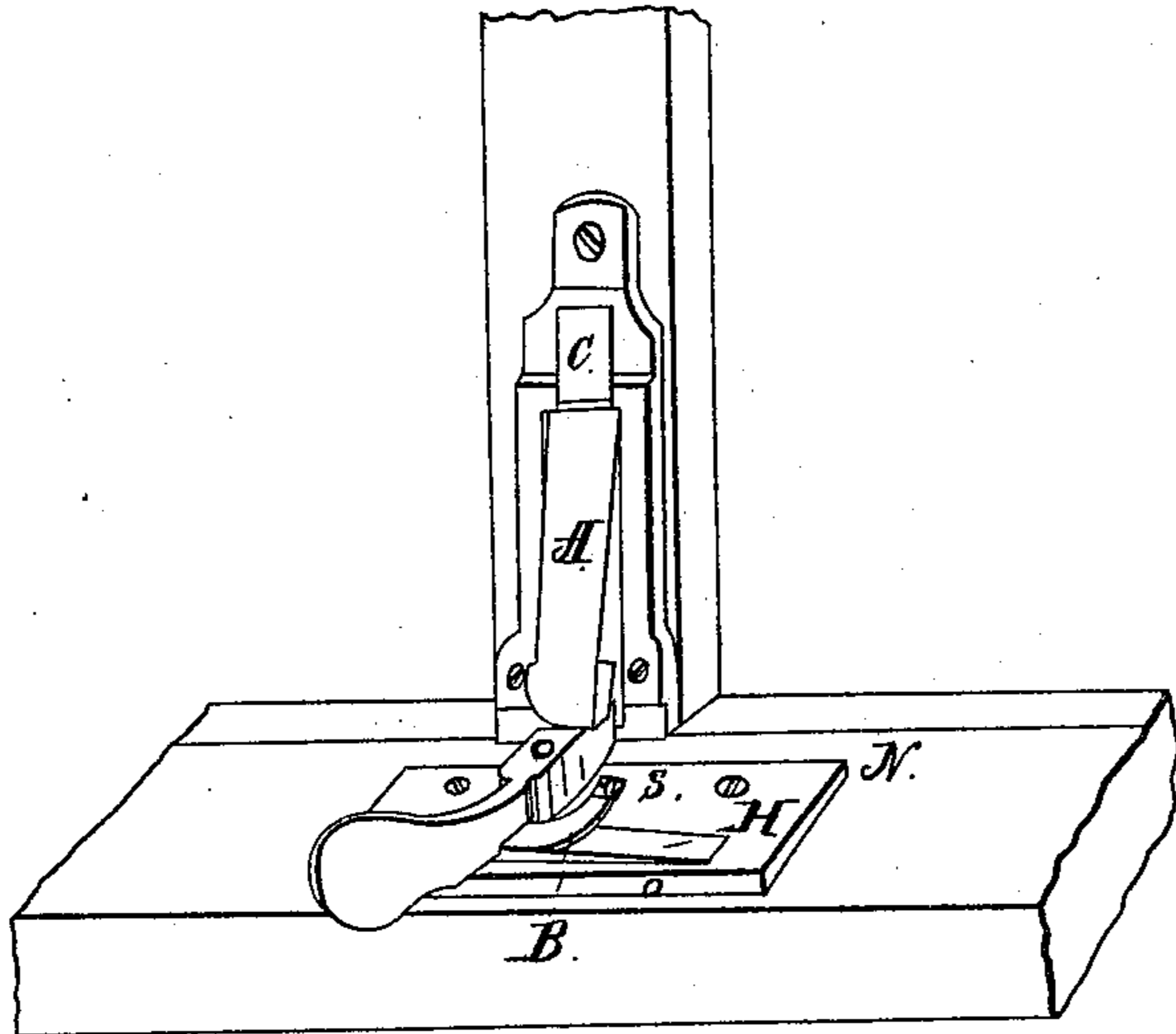
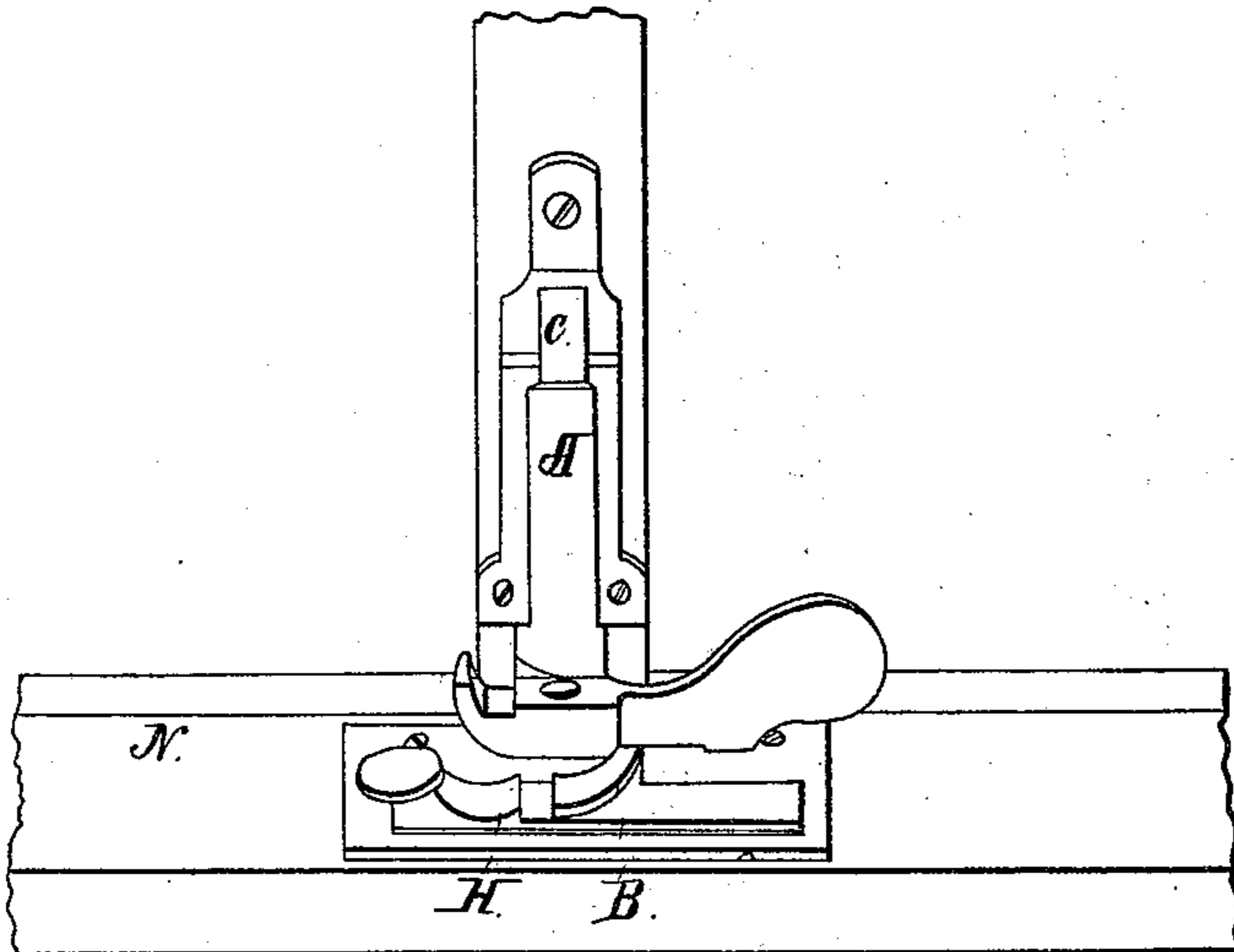


Fig. 2.



Witnesses:
J. Davenport
Emily J. Smith.

Inventor:
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UNITED STATES PATENT OFFICE.

ANTHONY M. SMITH, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN SASH-FASTENINGS.

Specification forming part of Letters Patent No. 43,045, dated June 7, 1864.

To all whom it may concern:

Be it known that I, ANTHONY M. SMITH, of the city of Brooklyn, in the county of Kings and State of New York, have invented certain novel and useful improvements in the mode of constructing spring catches or fasteners for the purpose of securing the sashes when the window is closed.

In order that the public may fully understand the nature of my invention, and those skilled in the mechanic art be enabled to construct and operate the same, I will describe it as follows:

Figure is a perspective drawing showing the vertical catch A and flat spring C, which are secured to and constitute a part of the vertical bar (or mullion) of the upper sash of a window. Letter B is a segment bearing or way provided with a stop, S.

Fig. 2 is a perspective front view showing the lever on a line with the top of the lower sash, to which it is secured.

The lever or button is prevented from passing beyond the line N (when the sash is unlocked) by means of the projection or stop S.

My improvement consists in the application and use of the vertical spring catch or plate A and spring C, secured to the upper sash of a window or mullion thereof in such a manner as not to weaken the mullion by cutting it

away, at the same time allowing a free and easy action of the catch A when operated upon by the lever or button, as at Fig. 1, independent of any opening of the joint N by shrinkage or otherwise; secondly, the manner of holding the button on a line with the top of the lower sash by means of a segment-bearing, B, provided with a stop, S, thereby preventing the button from coming in contact with the upper sash when raising the window. Therefore, I believe that the arrangement of the vertical spring catch A and C, curved bearing B, with stop S, (which may form a part of the horizontal thumb-spring H, or otherwise,) to be new and useful.

What I claim as novel and useful, and what I wish to secure by Letters Patent of the United States, is—

The arrangement and use of the vertical spring-catch A and C and segment-bearing B with stop S, in the manner and for the purpose substantially as described, and shown in the drawings.

In testimony whereof I hereunto subscribe my name in the presence of two witnesses.

A. M. SMITH.

Witnesses:

J. DAVENPORT,
EMILY I. SMITH.