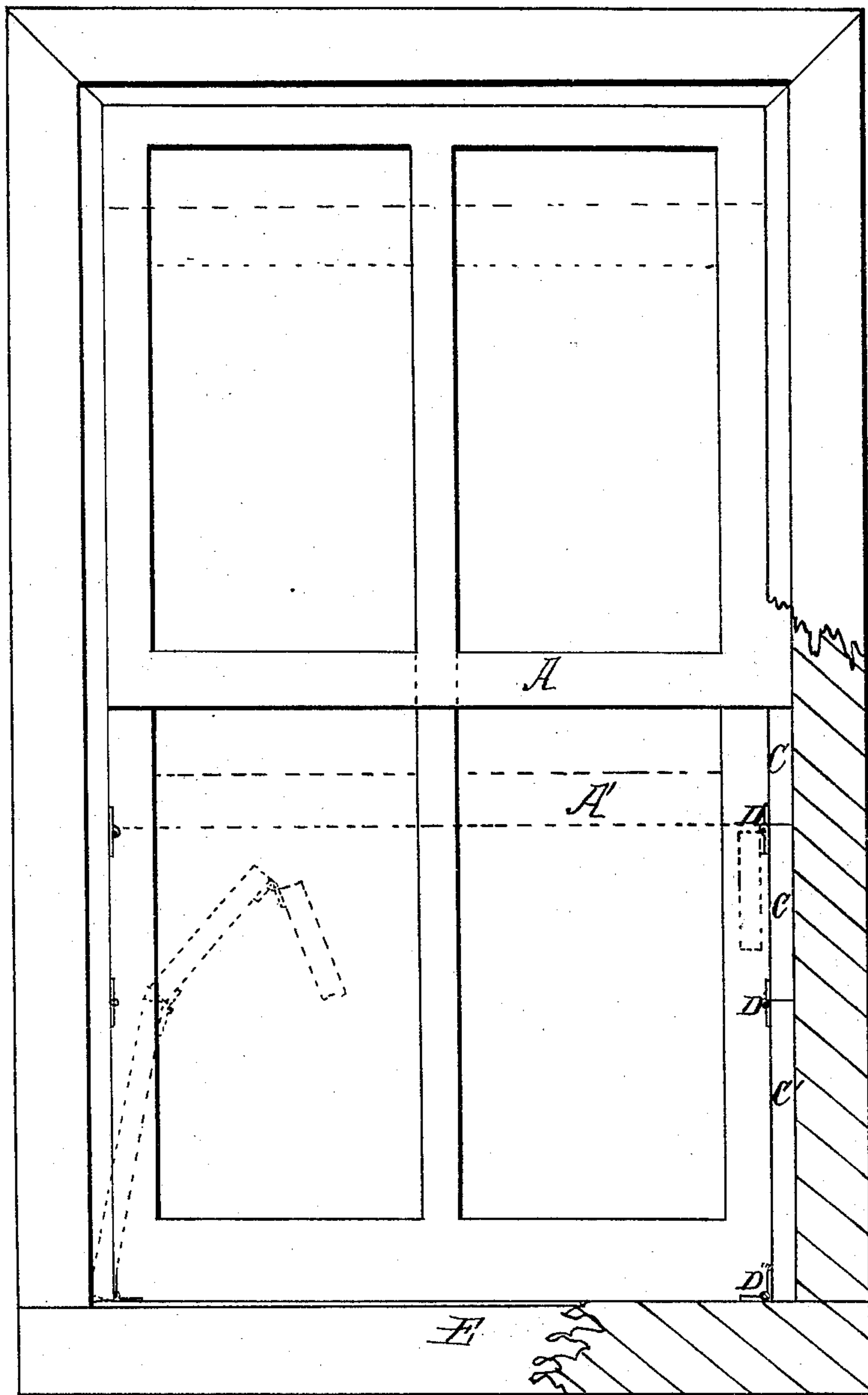


E. M. Griswold,

Sash Holder.

N^o 61,335.

Patented Jan. 22, 1867.



Witnesses:
M. S. Barber
B. H. Griswold.

Inventor:
Ellen M. Griswold

United States Patent Office.

ELLEN M. GRISWOLD, OF HAGERSTOWN, MARYLAND.

Letters Patent No. 61,335, dated January 22, 1867.

IMPROVED SUPPORT FOR WINDOW SASH.

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, ELLEN M. GRISWOLD, of Hagerstown, Washington county, and State of Maryland, have invented a new and improved Sash Support; and I do hereby declare the following is a full and exact description thereof, reference being had to the accompanying drawing, and the letters of reference being marked thereon, in which my improvement is shown by a front elevation partly in section.

The nature of my invention consists in providing window frames with adjustable supports for the upper sash, so that it can be lowered any desirable distance, for the purpose of obtaining ventilation, &c.

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

I construct my window frames and sash in the cheapest way, avoiding the expense of weights, cords, boxing, or other contrivances employed in modern architecture to render sash adjustable, and in lieu thereof I use, to support the upper sash A, an adjustable support, composed of the several pieces of wood C C' C'', connected together by hinges, as at D D', the lower extremity of the lower piece being also attached to the sill E by the hinges D'', so that by turning down one or more of the pieces C the sash A can be lowered a corresponding distance, as shown in red outline at A'; or by turning the entire support C C' C'' down on the sill E, the sash A can be lowered to its full length. If desired, another similar support can be employed in the same manner on the opposite side of the frame, and by having it divided into lengths different from the one just described, the amount of ventilation can be adjusted with still greater accuracy.

The object in lowering the upper sash is to admit the air near the ceiling, so that it will become more evenly tempered before coming in contact with the occupants of the room. It also provides an opening for the escape of warm and vitiated air, which always ascends to the ceilings, thus producing a perfect ventilation of the room, which is a very important matter in a sanitary point of view, particularly for school-rooms and nurseries, where delicate children are collected together, rendering good ventilation necessary to health, and at the same time avoiding draughts of cold air, such as would result from raising the lower sash of the window.

This invention is not particularly-intended to supersede the use of weights where expense is not an object; but it is so easily constructed and applied, is so cheap, durable, and available, that it can be made by any ordinary carpenter, and applied to houses already built, where no provision has been made for weights, springs, &c., and where it is desired to have such facilities at a trifling cost, or in building houses in new and remote parts of the country, where more expensive and complicated devices are not easily obtained. For these reasons my invention obviously takes the precedence of others. Its construction and operation are so simple and obvious that further description is deemed superfluous.

What I claim, and desire to secure by Letters Patent, is—

The application to window frames of a sash support, composed of the adjustable pieces C C' C'', connected by hinges, substantially as and for the purpose set forth.

ELLEN M. GRISWOLD.

Witnesses:

D. S. STEWART,

ALBERT STEWART.