

A. J. Chase.

Clothes Dryer.

No 85,562.

Patented Jan. 5, 1869.

Fig. 1.

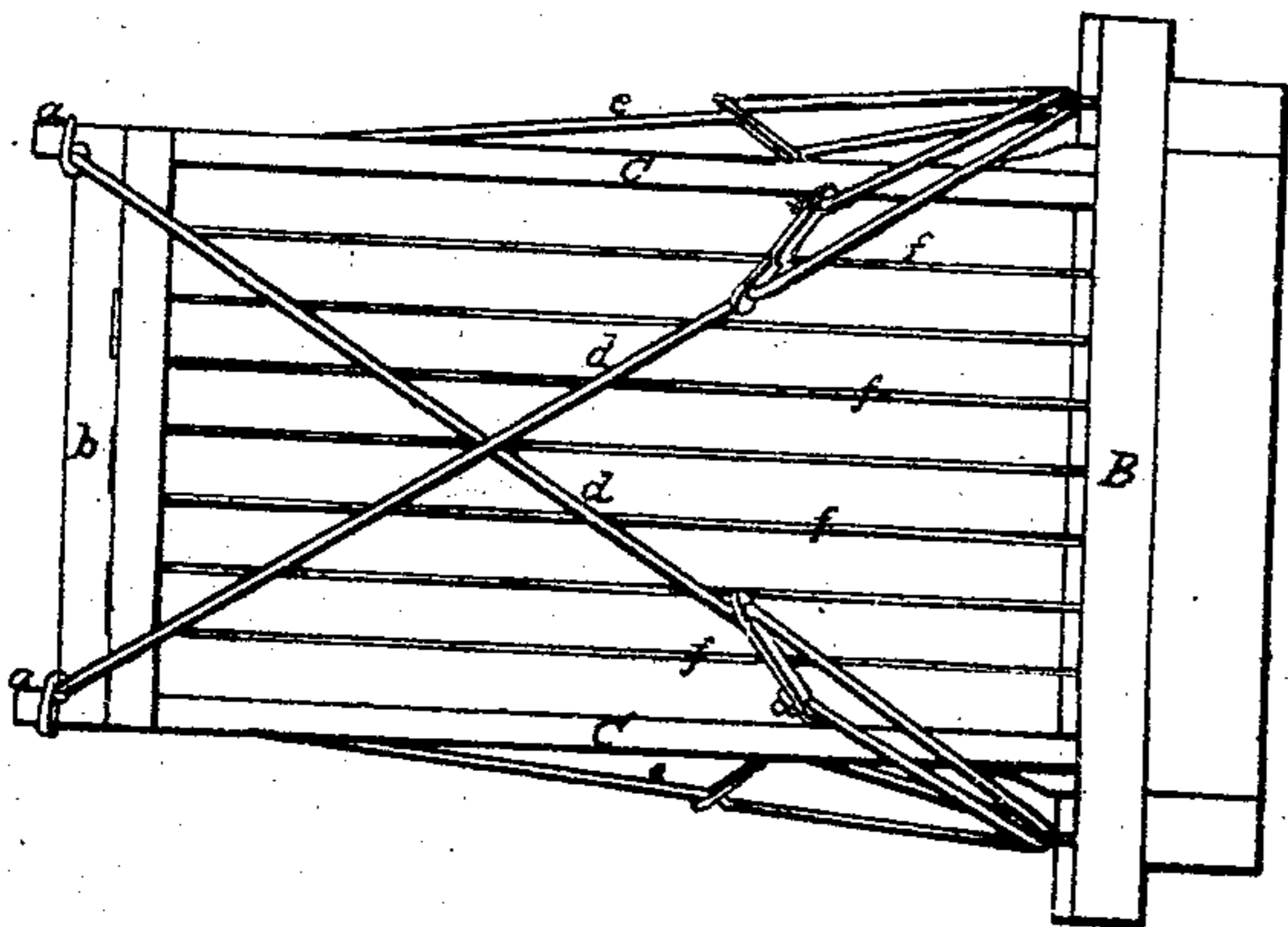


Fig. 4.

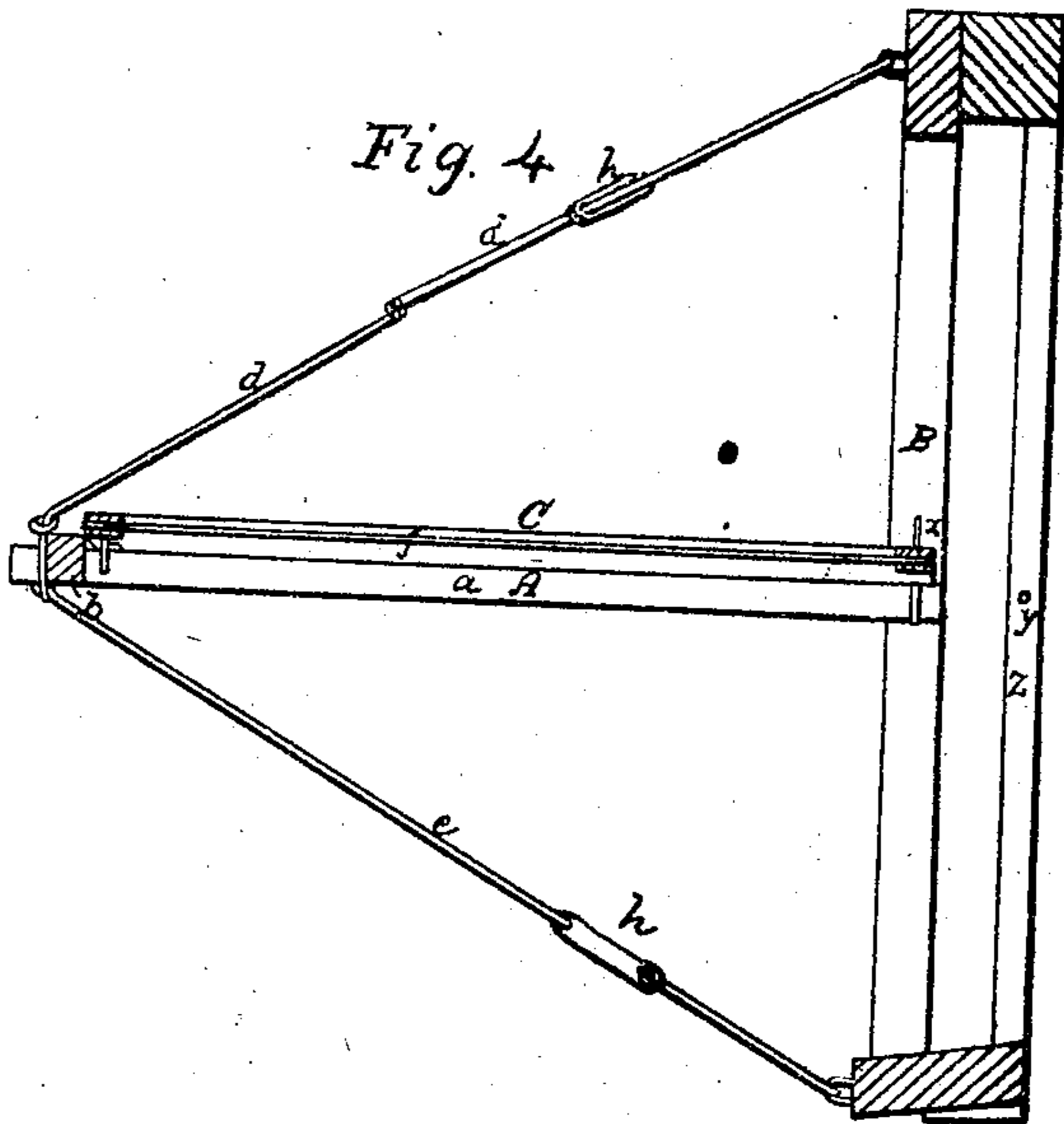


Fig. 2.

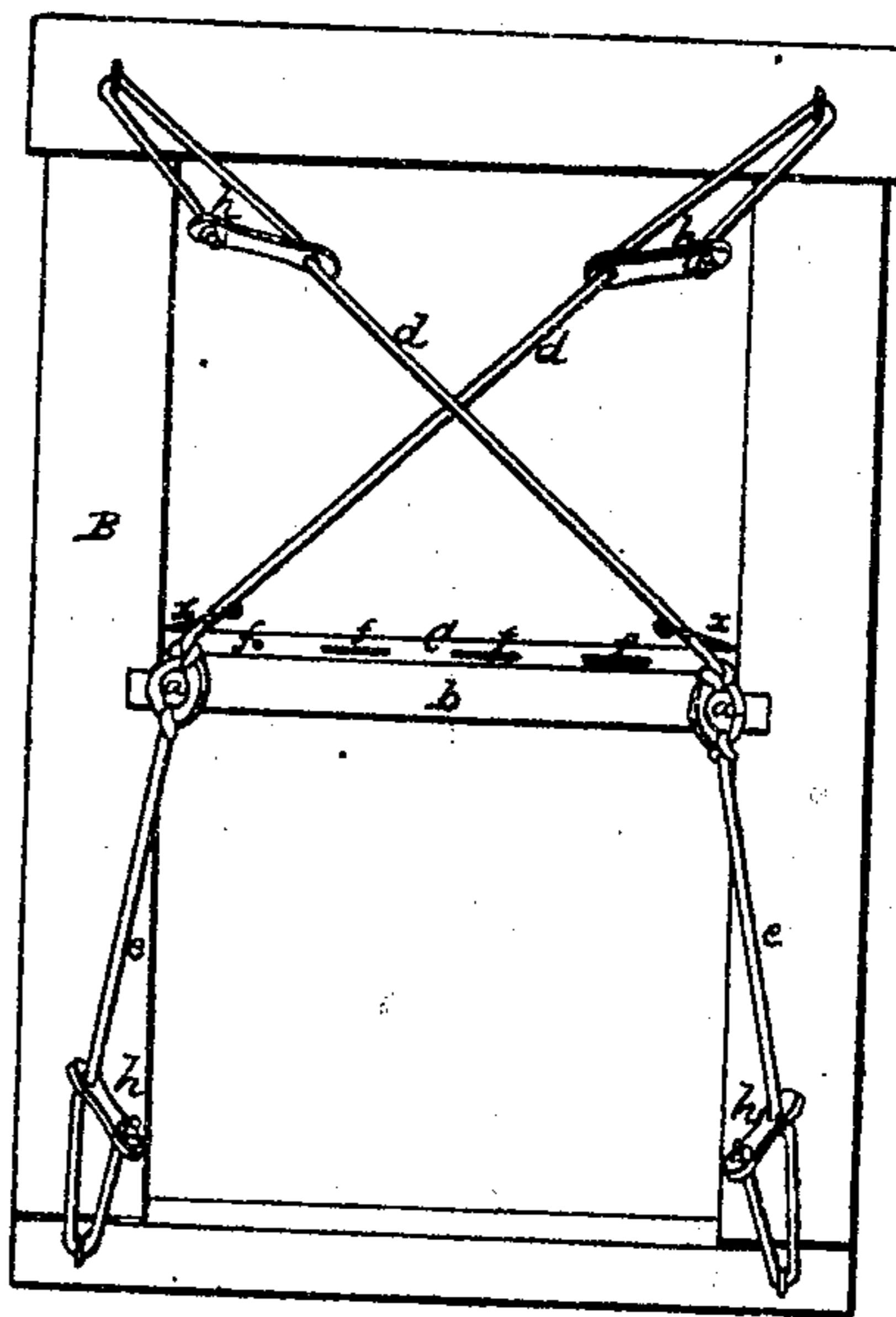
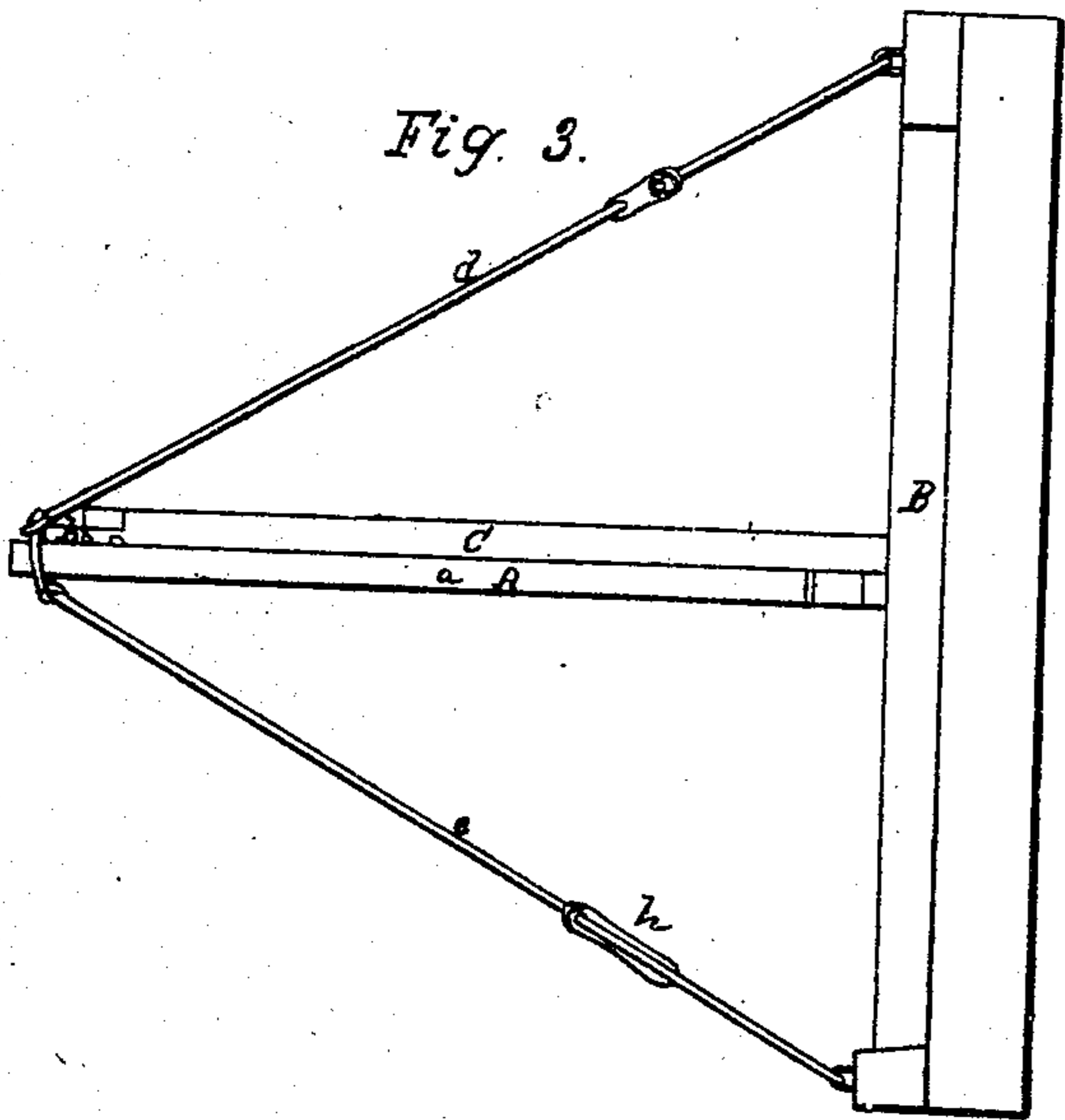


Fig. 3.



Witnesses

S. A. Piper.  
J. Timmons.

Inventor.

A. J. Chase.

by his attorney.

R. H. Eddy

# United States Patent Office.

ANDREW J. CHASE, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 85,562, dated January 5, 1869.

## IMPROVED CLOTHES-DRIER.

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

To all persons to whom these presents may come:

Be it known that I, ANDREW J. CHASE, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and useful Improvement in Clothes-Driers; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawings, of which—

Figure 1 is a top view,

Figure 2, a front elevation,

Figure 3, a side-view, and

Figure 4, a vertical and longitudinal section of it.

The object of my invention is to arrange in such a manner the stay-lines of a clothes-drier, projecting from a window, that such drier cannot sway or swing in a horizontal direction; also, to provide a ready and easy means of straining such lines to any required degree of tension.

In such drawings—

A denotes a frame, composed of two horizontal bars, *a a*, and a connection-bar, *b*, the latter being arranged near the two outer ends of the said bars *a a*, and at right angles to them, and tenoned into or otherwise fixed to them. When projected from a window-frame, B, the frame A has each of its bars *a a* tenoned at its inner end into a staple inserted in the window-frame, there being two of such staples to the frame.

Two stays or lines, *d d*, crossing one another diagonally, extend from the upper part of the window-frame to the outer end or foot of the frame A, and aid in supporting the frame as projected from the window from its outside.

Other stay-lines, *e e*, are to extend from the outer part of the frame A, down to the window-frame, in manner as shown in the drawings. The said lines may be adjusted to and maintained at any required tension, by means of the sliding clamps *h*, as shown.

The frame A supports a sliding rectangular frame, C, between whose two opposite end-bars a series of

cords or lines, *f f f*, is strung or arranged parallel to each other.

At the middle of the rear bar of the frame C, a pin, *z*, inserted in the window-frame, over the rear bar of the frame C, serves to hold the rear part of the frame C down upon its supporting-frame, or prevent it from being thrown up by the wind when the frame C is projected from the window, and supplied with articles of clothing suspended from its lines.

The front end of the frame C will be kept down upon the frame A by the stay-lines *d d*.

The frame C, on the window-sash being raised, may be drawn through the window and into the apartment to which such window may belong, and when it is in such a position, it may be supplied with the clothes to be dried, after which it, with them, may be slid out the window, and upon the frame A, and the sash may be depressed.

*y* is a pin, inserted in the stop-bead 2 of the window-frame. It answers to support the frame C, when drawn back beyond the sash, and thus admits the sash to be depressed or closed in cool weather, while the frame may have clothes either applied to or removed from it.

This clothes-drier will be found to be very convenient, as it may be easily set up to a window.

I make no claim to the clothes-drier made as represented in the United States patent No. 46,731; but

I do claim—

The stay-lines *d d*, *e e*, when made of one piece, and crossing one another diagonally, and applied to the clothes-drier, the whole being as and for the purpose substantially as described.

I also claim, in combination with the stay-lines, when combined with a clothes-drier as explained, the sliding clamps *h*, as and for the purpose set forth.

Witnesses:

ANDREW J. CHASE.

R. H. EDDY,

F. P. HALE, Jr.