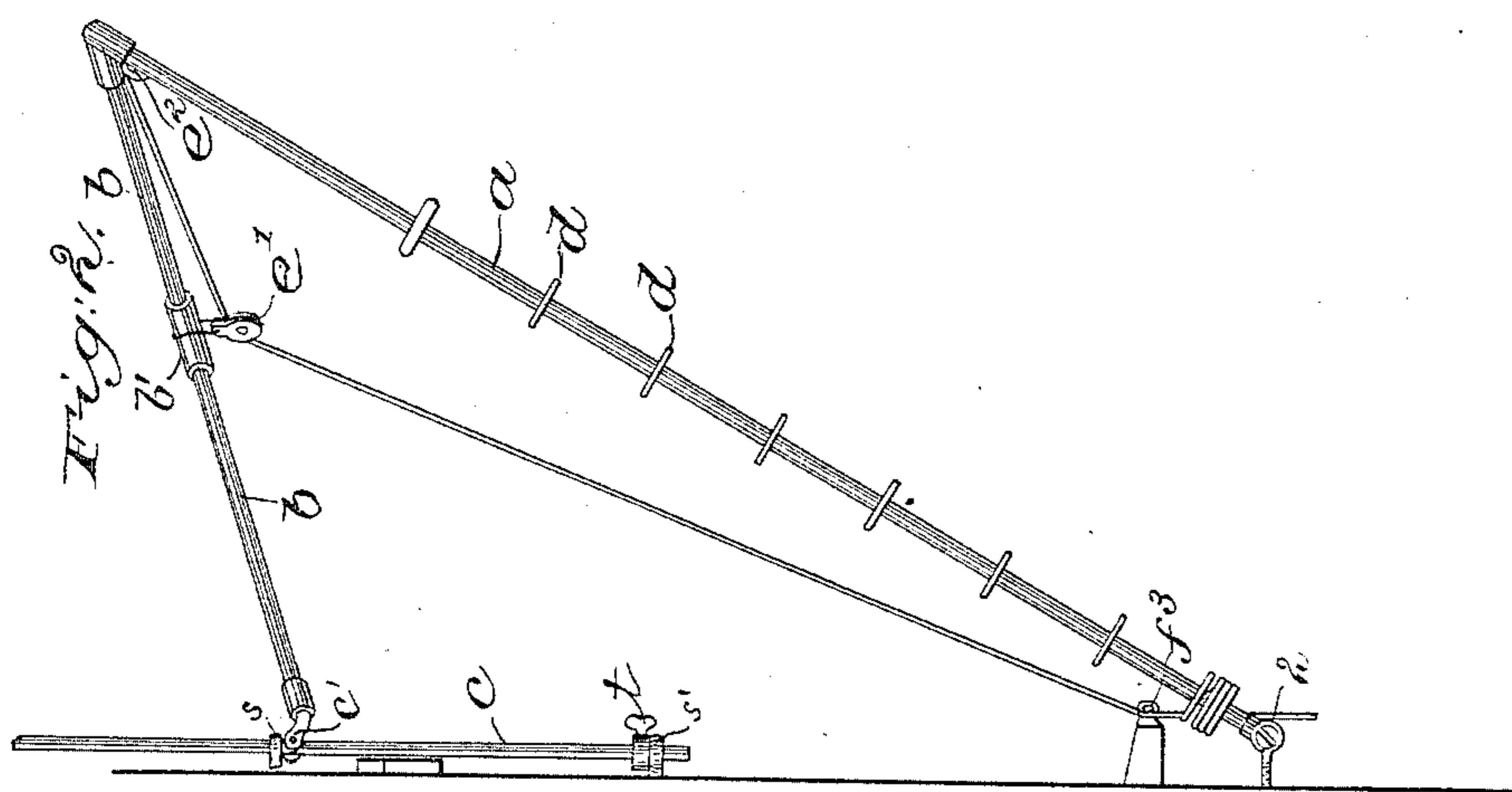
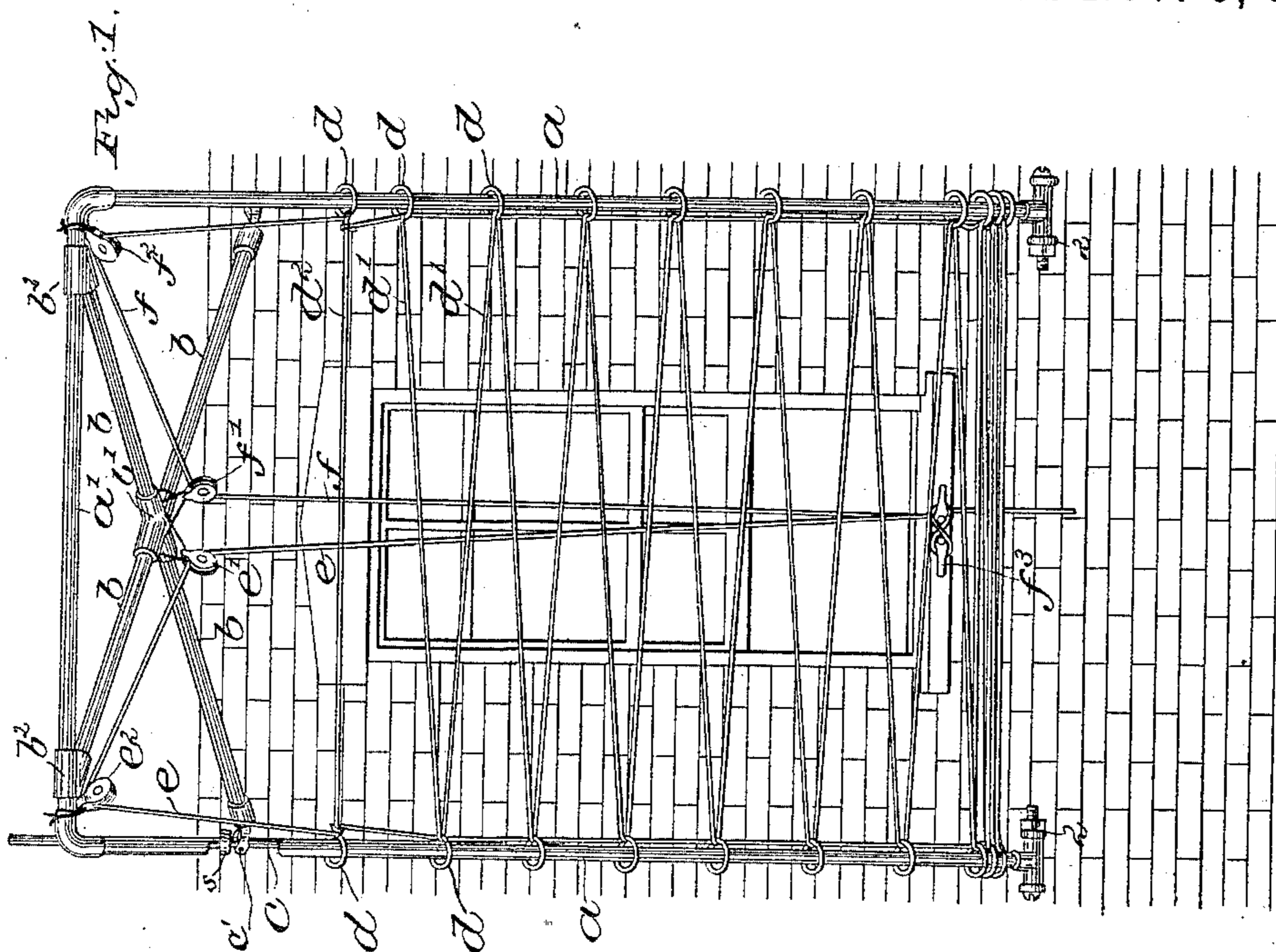


(No Model.)

A. ANDERSON.  
CLOTHES DRIER.

No. 462,424.

Patented Nov. 3, 1891.



Witnesses.

Louis N. Lowell  
Edward F. Allen

Inventor:

Alexander Anderson,  
by Crosby & Gregory Attys.

# UNITED STATES PATENT OFFICE.

ALEXANDER ANDERSON, OF SOMERVILLE, MASSACHUSETTS.

## CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 462,424, dated November 3, 1891.

Application filed May 28, 1891. Serial No. 394,367. (No model.)

*To all whom it may concern:*

Be it known that I, ALEXANDER ANDERSON, of Somerville, county of Middlesex, State of Massachusetts, have invented an Improvement in Clothes-Driers, of which the following description, in connection with the accompanying drawings, is a specification, like letters and figures on the drawings representing like parts.

10 This invention has for its object to construct a clothes-drier especially adapted for use in tenement-houses and thickly-populated places, where a small space is allowed for the purpose of drying clothes.

15 In accordance with this invention a line-sustaining frame-work is adapted to be secured to the outside of a building at a window, which is composed of vertical inclined rods or bars, one at each side of the window, adapted to be connected to the building at 20 their lower ends, and one or more cross-bars connecting said vertical inclined rods or bars to insure proper rigidity, and a supporting-frame is provided for said line-sustaining frame, which is adapted to be connected to 25 the building and to the upper end of said line-sustaining frame.

30 Figure 1 shows in front elevation a clothes-drier embodying this invention; Fig. 2, a side elevation of the clothes-drier shown in Fig. 1.

The line-sustaining frame is composed of two vertical inclined rods or bars *a a*, pivoted at their lower ends to ears 2, fastened to the wall of the building, and a cross-bar *a'*, connecting said rods or bars *a a*. A supporting-frame is provided for said line-sustaining frame, which, as herein shown, is composed of rods *b*, four in number, radiating from a central supporting-block *b'*, two of said rods 35 being connected at their outer ends loosely to the cross-bar *a'* by sleeves *b<sup>2</sup>* and the other two rods being pivotally connected at *c'* to slide-rods *c*, secured to the wall of the building. The said slide-rods are extended through 40 eyes *s s'*, attached to the wall, a thumb-screw *t* holding said rods in adjusted position. The line-sustaining frame and the supporting-frame being pivoted together, as shown, permit the entire frame-work to be closed up 50 against the building when not in use by loosening the screw *t* and permitting the slide-

rods *c* to descend, when the bars *a a* can be drawn up against the wall. Rings *d* are arranged to slide freely or run on the rods *a a*, said rings being connected by lines *d'*, upon 55 which the clothes to be dried may be hung. The uppermost rings of the series are herein shown as connected by a rod *d<sup>2</sup>*. A cable *e*, of any suitable kind, passing over pulleys *e'* *e<sup>2</sup>*, is connected to each one of the series of 60 rings on one of the rods *a*, and another cable *f*, passing over pulleys *f'* *f<sup>2</sup>*, is connected to each one of the series of rings on the other rod *a*, said cables *e* and *f* being adapted to be accessible to the operator at the window and 65 to be held by the cleat *f<sup>3</sup>*.

It will be seen that by pulling on the cords *e f* the rings may be moved upwardly on the rods *a a* to present the connecting-lines in 70 succession.

The device herein described, it will be observed, may be applied to any window and may be easily operated.

I claim—

1. In a clothes-drier, the line-sustaining 75 frame composed of vertical inclined rods *a a*, pivoted at their lower ends, and a connecting cross-bar and the supporting-frame loosely connected to said line-sustaining frame and pivotally connected at its inner end to adjustable sliding rods attached to a building, 80 combined with rings on said rods *a a*, the connecting-lines, and means for moving said rings, substantially as described.

2. In a clothes-drier, the line-sustaining 85 frame having vertical inclined rods *a a*, pivoted at their lower ends, and a supporting-frame for said line-sustaining frame, attached loosely to a building, and means to adjust the inner ends of the supporting-frame, to there- 90 by alter the inclination of the line-sustaining frame, combined with rings on said rods *a a*, lines connecting said rings, and means for moving said rings, substantially as described.

In testimony whereof I have signed my 95 name to this specification in the presence of two subscribing witnesses.

ALEXANDER ANDERSON.

Witnesses:

BERNICE J. NOYES,  
EDWARD F. ALLEN.