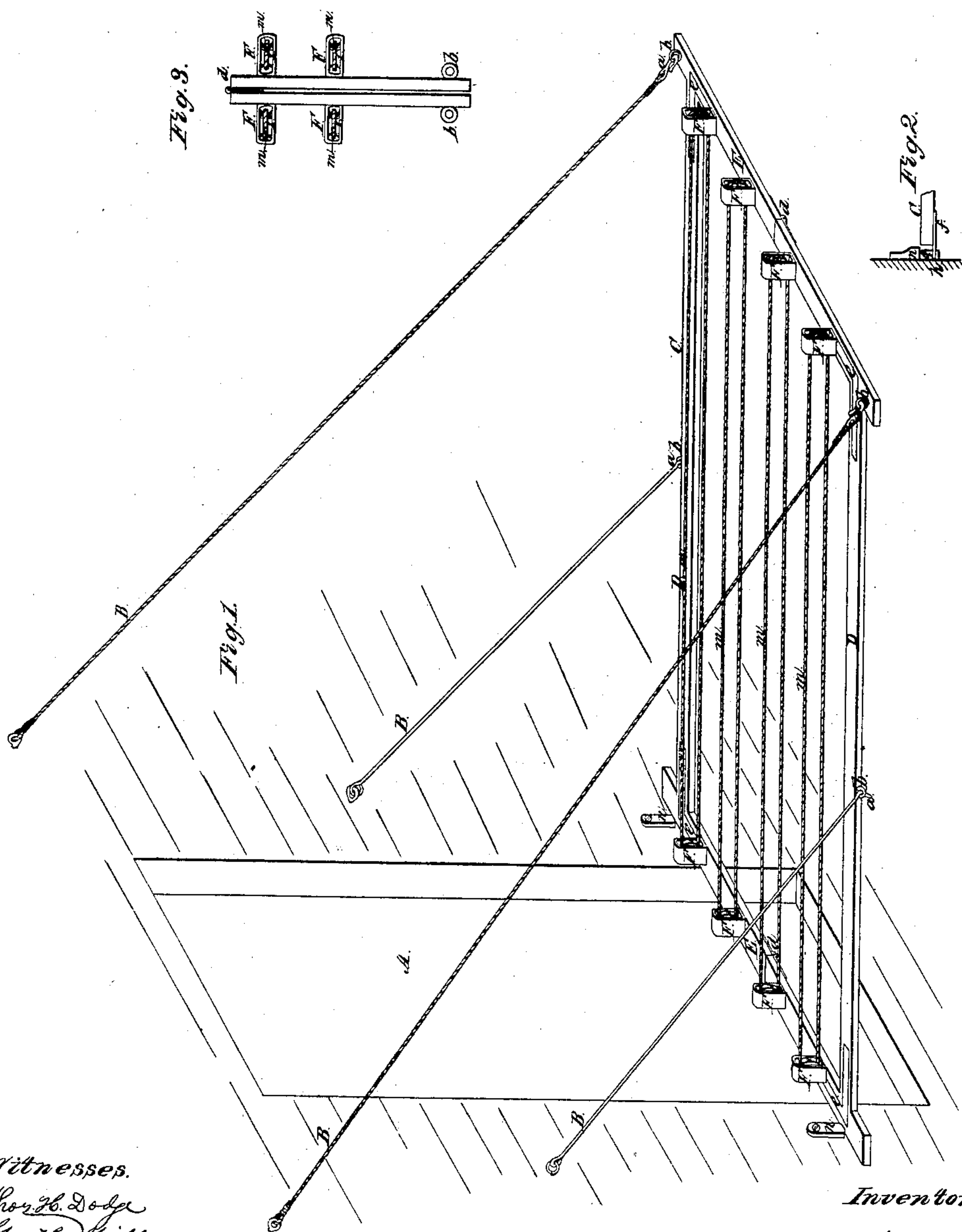


W. ARROUQUIER.
CLOTHES DRIER.

No. 78,351.

Patented May 26, 1868.



Witnesses.
Thos. B. Dodge
Geo. H. Miller

Inventor.
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United States Patent Office.

WILLIAM ARROUQUIER, OF WORCESTER, MASSACHUSETTS.

Letters Patent No. 78,351, dated May 26, 1868.

IMPROVED CLOTHES-DRIER.

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

KNOW ALL MEN BY THESE PRESENTS:

That I, WILLIAM ARROUQUIER, of the city and county of Worcester, and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Clothes-Driers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a perspective view of my improved clothes-drier when arranged for use.

Figure 2 represents a section, showing the mode of attachment to the side of the building, and

Figure 3 represents my clothes-drier detached from the building and folded up.

To enable those skilled in the art to which my invention belongs to make and use the same, I will proceed to describe it more in detail.

In the drawings, A represents a window of the building, upon each side of which are fastened by link or hook-joints the wires or cords B B B B, their outer ends being provided with hooks, *a a*, to hook into the eyes *b b*, in the clothes-drier frame C, which is made in this instance with hinged joints, *d*, so that it can be folded up when not in use, as shown in fig. 3 of the accompanying drawings.

The frame C is composed of two side-pieces, D D, and two end-pieces, E E, which are fastened together at their ends, and for greater security are provided with angle-irons, *e e*. The rear ends of pieces E, of the frame C, are provided with two metal ears, *f*, one of which is shown in fig. 2. The ear-pieces *f* have holes in their rear ends, to fit upon the upright ends *g* of the fastenings *h*, which are driven into the side of the building. Upon the upper sides of end-pieces E E are fastened the pulley-supporting pieces F F, and within which are journaled or pivoted the grooved pulleys *l*, said pulleys being arranged in sets, and provided with endless cords or bands, *m*, as shown in the drawings.

The mode of operation is as follows: The frame is passed out from the room or building through the window A, the hooks of the longest cords or wires, B, being hooked into the eyes *b b* in the front of the frame, after which the frame is pushed entirely out of the window, and the ear-pieces *f* slipped or hooked upon the ends *g* of fastenings *h*, and the buttons *n n*, which are attached to the side of the building, turned down, as shown in the drawings, to prevent the ear-pieces *f* from slipping or springing off from fastenings *h* while the drier is in use. The hooks *d* of the other set of wires or cords B are then inserted in their respective eyes *b b*. If preferred, hooks *d* may be inserted before the frame is pushed entirely out of the window. The attendant now attaches or fastens the clothes to be dried to the lower sides of the endless bands or cords *m*, then draws the upper part of the endless cords or bands towards the building, thereby drawing the clothes from the building and toward the outer end of the frame C, which makes room for the fastening of additional clothing to the cords, the same as in the first instance. The operation is repeated until the lower parts of the cords between the end-pieces F F are filled with clothing.

After the clothing has been properly dried, the attendant can remove the same by opening the window and removing the articles nearest to the building, and then moving the cords to bring the other articles into the same position, and so on until all have been removed.

It will be seen from the foregoing description of my improved clothes-drier that it can be applied to the side of a house or building in a very quick and expeditious manner by a person standing within the building, and that the clothes can be attached and removed from the cords *m* by a person while standing upon the inside of the building by simply raising one-half of the window. When the drier is not required for drying clothes, it can be taken in through the window and folded up, as shown in fig. 3, so as to occupy but a small space.

In some cases, where the windows are small, and a large frame is not required, the hinged joints *d* may be dispensed with, and, if preferred, one or both of the sets of wires B may be attached or hooked to the frame C, so as to cross each other, in which position they would probably sustain the frame C quite as effectually from a lateral or swaying motion.

My clothes-drier is simple in construction, and can be applied to the side of a building through a window

in any story thereof, and that, too, without interfering with the application of a similar frame to the story above or below it.

The persons putting out or taking in the clothes are not exposed to the winds or sun, as they are when required to go outside of the building for that purpose.

Having described my improved clothes-drier, what I claim therein as new, and of my invention, and desire to secure by Letters Patent, is—

1. The combination, with the side-pieces D D and end-pieces E E, of the eyes *b b*, endless bands or cords *m*, pulley-supporting pieces F, and ear-pieces *f*, substantially as and for the purposes set forth.

2. The combination, with the hinged and folding clothes-drying frame, of cords B, or their equivalents, for supporting the same upon the exterior of the window, substantially as and for the purposes set forth.

3. The combination, with the frame C, ears *f*, and eyes *b b*, of the supporting-wires or cords B B, and the fastenings *h*, substantially as and for the purposes set forth.

4. The combination, with the frame C and ears *f*, of the buttons *n*, substantially as and for the purposes set forth.

WM. ARROUQUIER.

Witnesses:

THOS. H. DODGE,

GEO. H. MILLER.