

*G. McNeil,
Clothes Frame,*

N^o 34,372.

Patented Feb. 11, 1862.

Fig. 2.

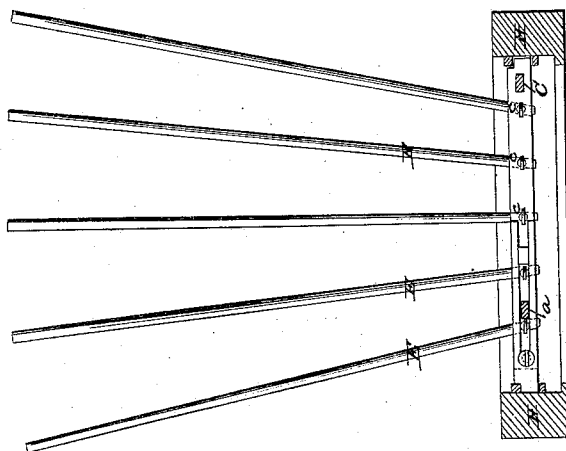
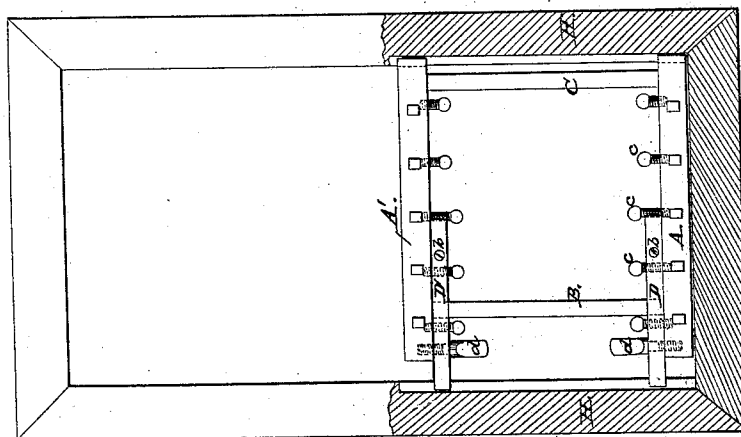


Fig. 1.



Witnesses:

*J. W. Coombs
H. M. Livingston*

Inventor,

*G. B. McNeil
per Munroe & Co
Attorneys*

UNITED STATES PATENT OFFICE.

GORDON MCNEIL, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVED CLOTHES-DRIER.

Specification forming part of Letters Patent No. 34,372, dated February 11, 1862.

To all whom it may concern:

Be it known that I, GORDON MCNEIL, of Philadelphia, (Chestnut Hill,) in the county of Philadelphia and State of Pennsylvania, have invented a new and Improved Clothes-Drier; 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, making a part of this specification, in which—

Figure 1 represents a front view of my improved clothes-drier applied to a window-frame of a house, a portion of the window-frame being broken away to show more clearly the nature of the invention. Fig. 2 is a top view of the same, the window-frame being shown by a transverse section.

Similar letters of reference indicate corresponding parts in the two figures.

The object of this invention is to obtain a portable drying-frame for clothes, capable of being projected from the window of a dwelling-house, and secured therein without interfering with the sashes of the same or requiring them or the window-frame to be disfigured in any manner by screws, nails, or other devices to fasten it; and it consists in the arrangement for adjusting the frame of the drier to adapt it to different-sized windows.

It also consists in the arrangement of the drying-bars and manner of securing them in the frame, as will be hereinafter fully explained.

To enable others skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A A' represents two wooden bars, which are framed together paral-
lled with each other by two strips of wood B C, mortised into the bars A A' near each end. On the inner sides of the bars A A' extension-bars D D' are fitted, which enable the frame of the drier to be adjusted to suit windows of different sizes. These extension-bars are slitted longitudinally from their inner to near their outer ends, which allows them to work on both sides of the wooden strip B, and the screws which screw into the bars A A' to secure the drying-bars in the frame. The extension-bars D and D' are prevented from spreading apart at their inner ends by blocks *a*, (shown in Fig. 2,) one of which is secured in the slit of each extension-bar by a screw *b* passing trans-

versely through it and the bar. This block can be adjusted in the slits so as to avoid interference with the screws C in fitting the clothes-drier to different-sized windows. When these extension-bars are adjusted to the proper width to adapt the frame to the window from which it is desired to project it, they are secured from spontaneous movement by a thumb-screw *d* passing through the slit in each into the adjoining bar of the frame. The outer ends of the bars A A' and the extension-bars D D' are cut down on one and the same side in the form of a half rabbet, to correspond with the thickness of the window-sashes. When the drier is to be used, it is placed in the window-frame immediately under the upper sash, the outer ends of the bars D D' A A' fitting the space between the parting-beam and outerstop of the window-frame, and are by them secured, and the clothes-drier thereby prevented from falling inward or outward of the window.

E E are a series of drying-bars, which are made with a tenon on their inner ends, which fit into corresponding mortises made in the bars A A' of the frame, and are therein secured by wooden screws, which pass through the bars at right angles. The mortises in which these drying-bars are secured, as they recede from the middle of the window-frame, are made to diverge outwardly to spread the outer ends of the drying-bars, and thus give more room for the air to circulate between the clothes.

The drier is put in use in the following manner: The lower sash of the window being raised, the frame of the drier is placed between the jambs H H' of the window-frame, immediately under the upper sash of the window, and the extension-bars adjusted until the ends of the same and the bars A A' touch the jambs of the window, when the extension-bars D D' are secured from movement by the screws *d*, as before described. The clothes are now placed upon the drying-bars one at a time and fastened by clothes-pins in the usual manner of fastening to a line, the bars being sufficiently attenuated to allow the pin to pass astride of them. As fast as each bar is filled with clothes it is passed out of the window and secured by its inner end in one of the mortises of the frame in the manner before described. The drier does

not require the use of any tool to adapt it to use, and it can be easily applied to any window of a dwelling by a woman. When not required for use, it can be taken apart and packed in a small compass.

Among some of the advantages of this improved clothes-drier are its adaptability to windows of different sizes, its non-liability to get out of order, its simplicity, portability, and its cheapness.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination of the bars A A', extension-bars D D', strips B C, and thumb-screws *d*, when arranged to operate in the manner and for the purpose set forth.

2. The manner of arranging the drying-bars E in the bars A A' so as to spread apart at their outer ends, in combination with the set-screw *c*, for securing the same, substantially as described.

GORDON McNEIL.

Witnesses:

GEORGE DEWEES,
GEORGE CRESS.