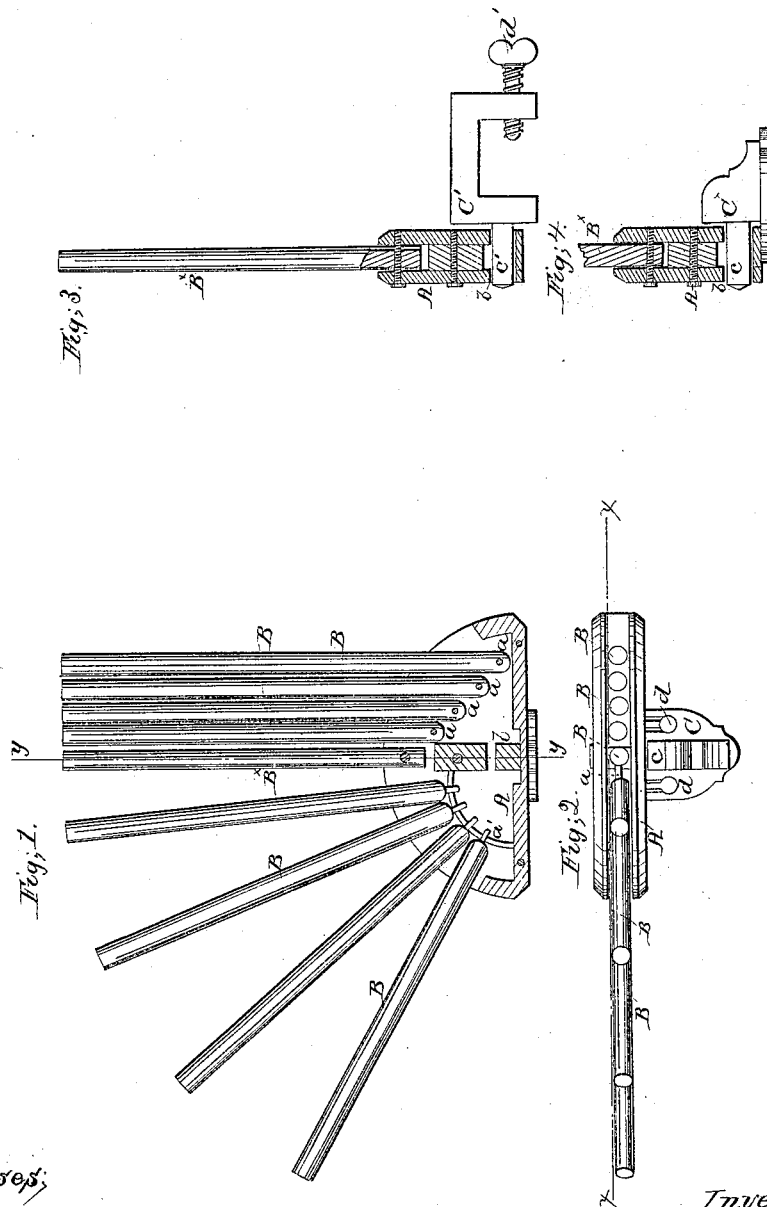


J. H. Doughty,

Clothes Frame,

N^o 46,999,

Patented Mar. 28, 1865.



Witnesses,
R. J. McNamee
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UNITED STATES PATENT OFFICE.

J. H. DOUGHTY, OF NEW YORK, N. Y.

IMPROVED CLOTHES-DRIER.

Specification forming part of Letters Patent No. 46,999, dated March 28, 1865.

To all whom it may concern:

Be it known that I, JOHN H. DOUGHTY, of the city, county, and State of New York, have invented a new and Improved Clothes-Drier; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a horizontal section of this invention, the line *x x*, Fig. 2, indicating the plane of section. Fig. 2 is a front view of the same. Fig. 3 is a transverse section of the same when arranged to be fastened to a shelf, the plane of section being indicated by the line *y y*, Fig. 1. Fig. 4 is a similar section to the previous figure when arranged to be hung up on a pair of nails or screws.

Similar letters of reference indicate corresponding parts.

This invention consists in the combination, with a bracket containing a series of radiating folding arms, of a supporter arranged either to be hung upon a pair of nails or to be secured to a shelf by a screw, and provided with a tenon which fits into a corresponding mortise or socket in the bracket with the radiating arms in such a manner that said bracket can be readily attached to and removed from either of the supporters and the supporters can be conveniently secured at any desirable spot in or about a room. The radiating arms are connected to the bracket by loops or pivots in such a manner that the same when folded are close together from end to end, and when spread they afford an extensive hanging room for the clothes to be dried.

A represents a bracket, made of wood, cast-iron, or other suitable material, in a semicircular form and out of two parts, which are secured together by screws, or in any other suitable manner. This bracket forms the bearings for the pivots *a* of the radiating bars B, or, instead of pivots, a segmental wire, *a'*, may be applied, to which said bars are con-

nected by loops, as clearly shown in Fig. 1 of the drawings. The middle bar, B*, is rigidly secured to the bracket in a radial position; but the remaining bars on both sides of the bar B* are so arranged that they fold up, as shown, or that they can be spread apart and brought in radial positions. When folded, the bars are close together from end to end.

The bracket A is provided with a socket, *b*, to receive a corresponding tenon, *c c'*, of one of the supporters C C'. The supporter C consists of a simple flange with pear shaped holes *d*, which is connected to the tenon *c*. The holes *d* are intended to catch over nails or screws secured in the wall or other convenient spot in or about a room, or to the bottom rail of the sash. The supporter C' consists of a U, shaped piece connected to the tenon *c'*, and provided with a clamp-screw, *d'*, as clearly shown in Fig. 3. This supporter is secured to a shelf or to the mantel-piece, or it may be fastened to a bar secured in the window-frame according to the place where the clothes-drier is to be used.

The bracket A can be readily shipped or unshipped from either of the supporters, and, if desired, the supporters can remain where they are hung, or they may also be removed and put away when the drier is not to be used. The whole device can be made cheap, it can be readily packed up, and it is very convenient in rooms or buildings of any size.

I am aware that clothes-driers have before been made with folding arms; but,

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

In combination with the bracket A, constructed as herein shown and described, the radial arms B B, pivoted within the said bracket, so as to be expanded or folded together in a horizontal plane, as specified.

J. H. DOUGHTY.

Witnesses:

M. M. LIVINGSTON,
THEO. TUSCH.