

R. A. & F. D. WINTERS.

CLOTHES-DRIER.

No. 180,300.

Patented July 25, 1876.

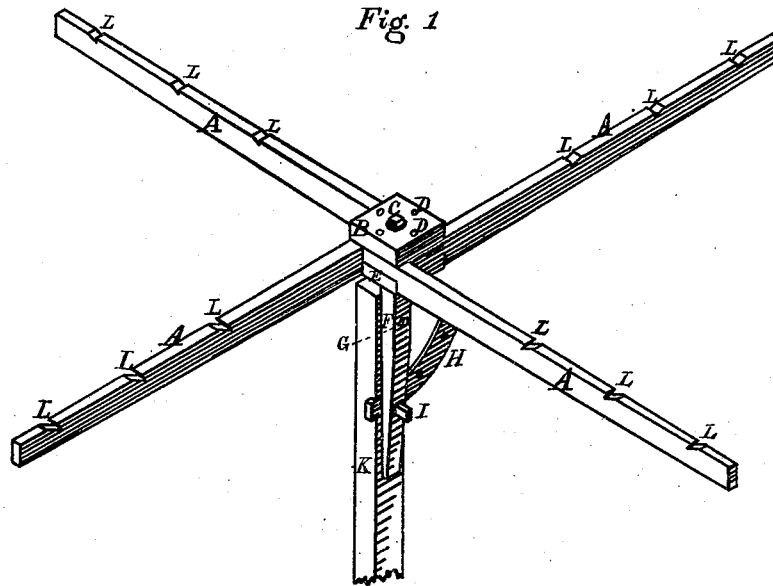


Fig. 1

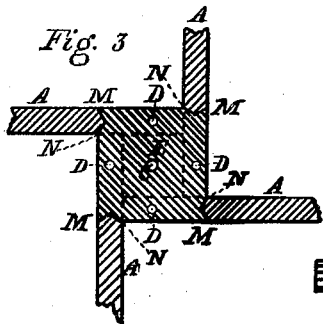


Fig. 3

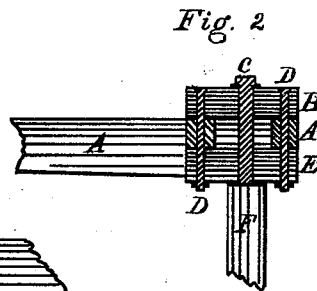


Fig. 2

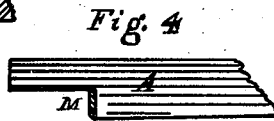


Fig. 4

Witnesses;
Wm. W. Shirley
Joseph C. Simpson

Inventors;
Randolph A. Winters
Frederick D. Winters
by John Gwynn & Son
Atty.

UNITED STATES PATENT OFFICE.

RANDOLPH A. WINTERS AND FRANKLIN D. WINTERS, OF BLOOMVILLE,
OHIO.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. **180,300**, dated July 25, 1876; application filed
May 24, 1876.

To all whom it may concern :

Be it known that we, RANDOLPH A. WINTERS and FRANKLIN D. WINTERS, of Bloomville, in the county of Seneca and State of Ohio, have invented new and useful Improvements in Clothes-Driers; and hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and the letters of reference thereon.

The letters on each drawing refer to the same part, and form a part of the specification.

Figure 1 is a full view, in perspective, of our improved clothes-drier. Fig. 2 is a longitudinal vertical sectional view of the top part or "reel-head." Fig. 3 is a view of the lower plate E, and a horizontal view of the arms A, showing the beveled shoulder M, which fits in the recess N, cut therefor in the lower plate E, as shown in Fig. 3 of the drawing.

The object and purpose of our invention is to construct a clothes-drier that is durable in all its parts, convenient, and that can be furnished at small cost to the purchaser.

To enable others skilled in the art to which our invention appertains to make and use the same, referring to the drawings, it will be seen Fig. 3 consists of the lower plate E, the recess N, and a horizontal sectional view of the lower part of the arms A and beveled shoulder M thereon, as shown in Fig. 4, which, when in position, fits in the recess *n* in the lower plate E.

Fig. 2 consists of a longitudinal vertical

section of the plates B and E and arm A, with the bolt D passing through the upper plate B, arm A, and lower plate E, to hold the arm A firmly in position. It will also be seen in Fig. 2 that a coach-screw, C, passes through the upper and lower plates B and E into the lever F, as shown in Fig. 1 of the drawing. It will also be seen that the bolt G, passing through the lever F, forms a fulcrum, on which the lever F is operated, and is adjusted on the segment H, as shown, and secured by the pin I, by means of which the whole of the top may be brought within reach of the operator, as shown in Fig. 1 of the drawing.

Having thus described the construction and operation of our improved clothes-drier, what we claim, and wish to secure by Letters Patent, is—

The reel-head consisting of the arms A, provided with the projecting point M, which fits into the grooved recess *n*, secured in position by the top and lower plates B and E and the bolts D, in combination with the lever F, segment H, secured and adjusted by the pin I on the bolt G to the post K, as described, and for the purpose set forth.

In witness whereof we have hereunto set our hands this 15th day of May, 1876.

RANDOLPH A. WINTERS.
FRANKLIN D. WINTERS.

Witnesses:

WM. W. SHEIBLEY,
JOSEPH GUINN.