J. THEOBALD.

Clothes-Drier.

No. 164,338. Patented June 8, 1875.

Fig 1

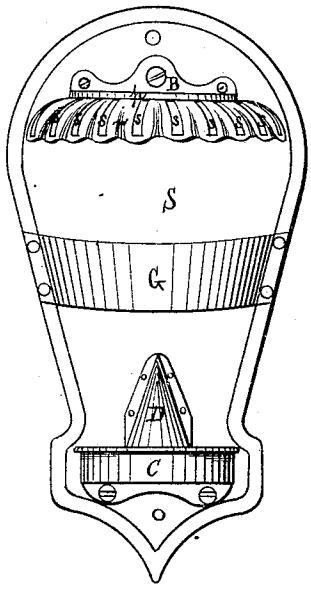


Fig 2.

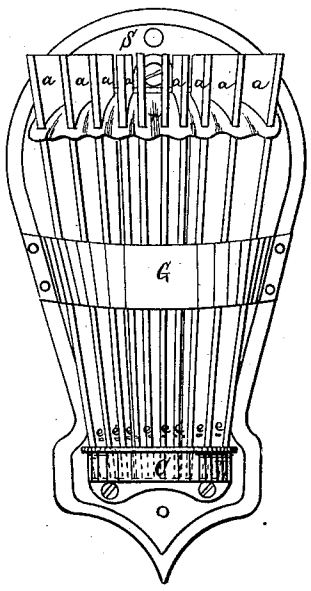


Fig 3.

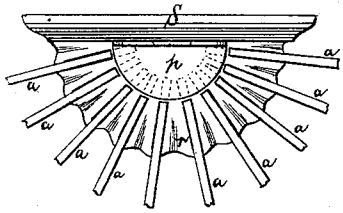


Fig 4.

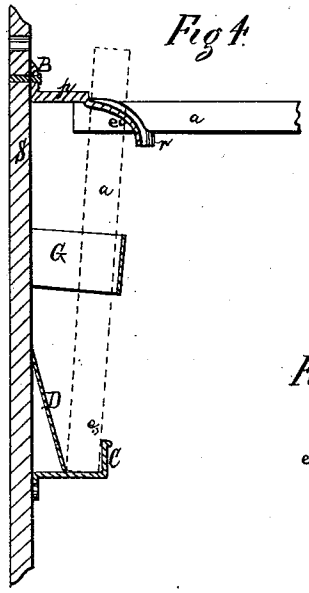
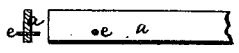


Fig 5. *Fig 6.*



Witnesses.

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UNITED STATES PATENT OFFICE.

JOHN THEOBALD, OF CLEVELAND, OHIO.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. **164,338**, dated June 8, 1875; application filed February 24, 1875.

To all whom it may concern:

Be it known that I, JOHN THEOBALD, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented an Improved Clothes-Drier, of which the following is a specification, reference being had to the accompanying drawings, forming part hereof.

My invention consists in the combination, in a clothes-drier, of the parts hereinafter particularly described, whereby bars or arms of wood, arranged in slotted openings in a semicircular bracket secured upon the upper end of a standard or frame, may, when the drier is in use, be drawn up and outward through the said slotted openings, and, resting therein, form radiating arms, upon which fabrics may be hung, and which are prevented from passing entirely through the said slotted openings by pins fixed near the lower or inner ends of the bars, and whereby, when the drier is not in use, the said bars or arms may be folded back and allowed to drop downward through the slotted openings in the bracket, and rest at their lower ends in a cup or base secured upon the bottom of the standard or frame, the bars being guided to their proper places in the said cup or base and retained in orderly positions therein by means of a semicircular guard or band secured to, and passing around, the front of the frame, and a conical guide-plate extending from the cup or base part way up the face of the standard.

Figure 1 is a front elevation of my drier with the bars removed. Fig. 2 is a similar view of the same, showing the bars folded back when not in use. Fig. 3 is a plan view of the same, showing the bars extended radiating from the bracket. Fig. 4 is a longitudinal central sectional view of the same. Fig. 5 is a side view of the end of one of the bars, showing the pin fixed therein. Fig. 6 is a sectional view on the line *x x*, Fig. 5.

B is a semicircular bracket, made preferably of cast-iron, secured upon the upper end of the frame or standard S, as shown, and is composed of the plate *p* and the rim *r*, in which rim are the slotted openings *s s*. *a a* are bars or arms of wood, arranged to slide easily in the slotted openings *s s*, and having the pins *e* fixed in their sides near their lower or inner ends, as shown. G is a semicircular band or guard, extending around the front of, and secured at either end upon, the side of the frame S. C is a semicircular cup or base upon the lower end of the standard S, and D is a conical-shaped guide-plate, extending from the bottom of the cup part way up the face of the standard S, to which it is secured, as shown.

Now, it is evident that when the drier is in use, the arms *a*, being drawn up and outward through the slotted openings *s*, will extend radiating from the bracket B, as shown in Fig. 3, and will be sustained in said slotted openings by resting on their lower edges against the edge of the rim *r*, and, at their inner end, against the plate *p*, and, by means of the pins *e*, will be prevented from passing entirely through the slotted openings *s* and falling from the bracket, as shown in Fig. 4. It is also evident that when the drier is not in use the arms *a* may be folded back, and allowed to drop downward through the slotted openings *s* in the bracket B, and that by means of the band or guard G and the guide-plate D the bars will be guided to their proper places in the cup or base C, and retained in orderly position therein, as shown in Figs. 2 and 4.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, in a clothes-drier, of the standard S, the bracket B, composed of the plate *p* and rim *r*, which has the slotted openings *s*, the bars or arms *a*, provided with the pins *e*, the band or guard G, the cup or base C, and the conical guide-plate D, constructed and arranged to operate as described.

JOHN THEOBALD.

Witnesses:

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