(No Model.)

J. V. FLECK.

CLOTHES DRIER.

No. 350,237. Patented Oct. 5, 1886.

Fig. 1.

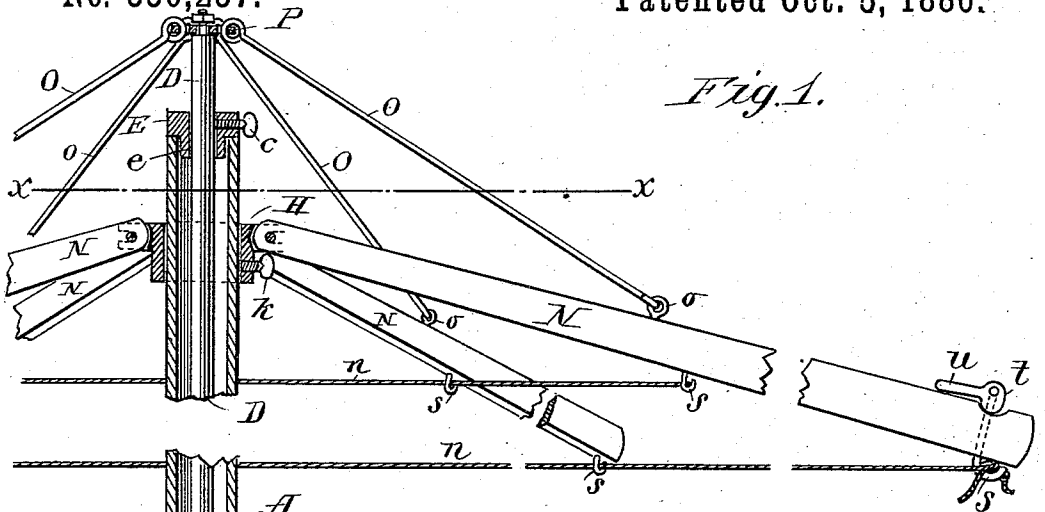


Fig. 3.

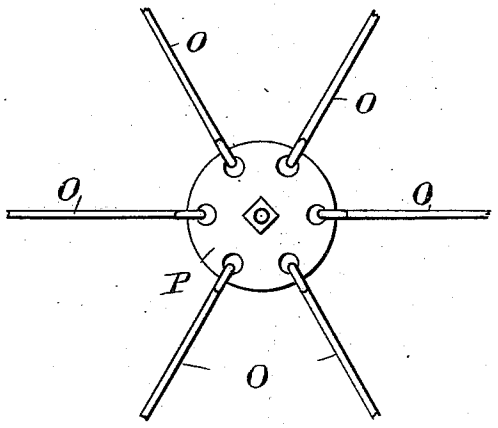
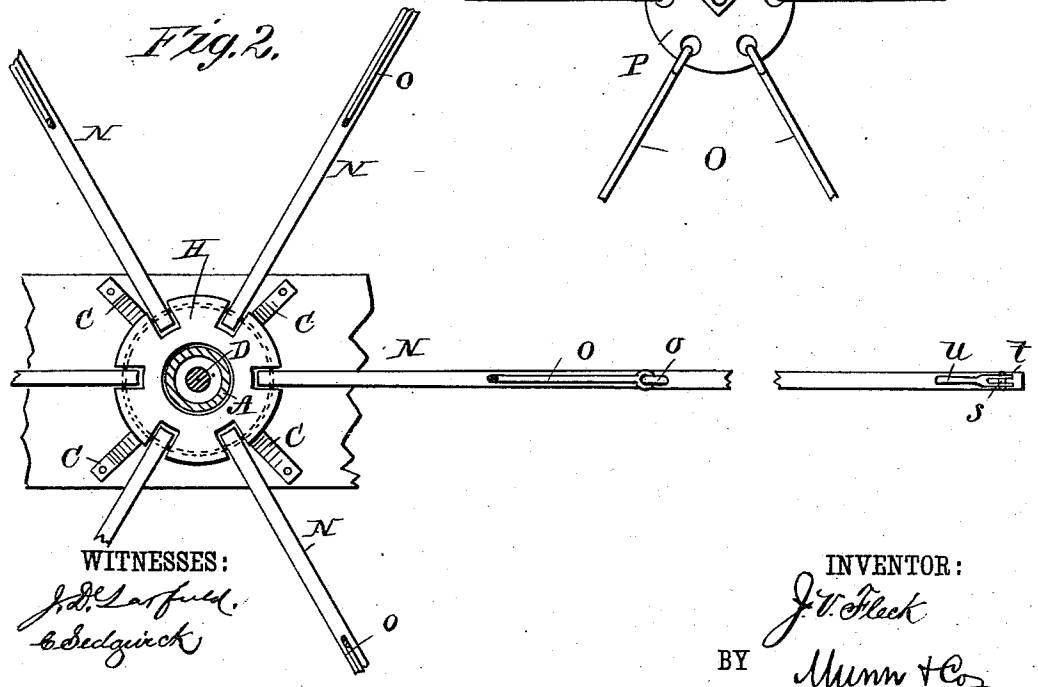


Fig. 2.



WITNESSES:

J. W. Garfield.

C. Sedgwick

INVENTOR:

J. V. Fleck

BY Munn & Co.

ATTORNEYS.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

JOSEPH V. FLECK, OF LEBANON, MISSOURI, ASSIGNOR TO HIMSELF, JAMES W. APPLING, JOHN A. ELLIOTT, AND CHARLES A. SMITH, ALL OF SAME PLACE.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 350,237, dated October 5, 1886.

Application filed April 12, 1886. Serial No. 198,519. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH V. FLECK, of Lebanon, in the county of Laclede and State of Missouri, have invented a new and Improved Clothes-Drier, of which the following is a full, clear, and exact description.

My invention relates to the construction of a cheap, durable, and efficient clothes-drier so arranged that the arms carrying the clothes-lines may be extended at any angle desired, said arms being free to turn in a body upon their supporting-standard.

The invention consists of certain novel constructions and combinations of parts to be hereinafter explained, and specifically pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a central vertical section elevation of a portion of my improved clothes-drier. Fig. 2 is a sectional plan view taken on line *x x* of Fig. 1; and Fig. 3 is a detail view illustrating the construction of the plate to which the upper ends of the brace-rods are secured, said plate being carried by the vertical standard.

In constructing such a clothes-drier as is illustrated in the drawings above referred to I provide a hollow standard, A, that is mounted in a base-plate, B, and properly braced by rods C C. Within this standard A, I arrange a central adjustable rod or pipe, D, upon the bottom of which there is a collar or bushing, *a*, which fits closely within the bore of the standard A, the rod or pipe D being guided and held at the upper end of the standard A by a collar, E, which is formed with a sleeve or annular flange, *e*, which fits closely within the top of the standard A, the rod or pipe D being held in any position desired by means of a set-screw, *c*, that is carried by the collar E. The arms N N N, of which there may be any number desired, and upon which the clothes-lines *n* are mounted, are pivotally connected to a runner, H, that encircles the standard A, and is provided with a set-screw, *k*, by means of which it is clamped to the standard.

In order that the weight of the arms N N may be supported and their position adjusted, I provide each arm with a suspending or brace rod, O, that is connected to the frame by means of an eye screw or bolt, *o*, the upper end of each of the rods O being fixed to a plate, P, that is loosely held upon the upper end of the rod or pipe D, the connection being such that the plate P is free to turn upon its connection with the central rod or pipe. The clothes-lines *n n* are held in place by means of hooks *s*, the shanks of which extend upward through the arms N, to engage with an eccentric, *t*, having a handle, *u*, the parts being so arranged that when the handle is moved to the position shown in Fig. 2 the point of the hook *s* will be brought up close against the under side of the arm.

From the construction described it will be seen that the arms N are free to turn about their central supports, and that the parts may be adjusted to any position desired, but that, no matter how far the rod or pipe D may be extended, it will not wabble, on account of the arrangement of the flanged collar E and the bushing *a*.

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

1. The combination, with a hollow supporting-standard, of a vertically-adjustable rod or pipe extending through the upper end of the standard, a plate loosely mounted on top of the said vertically-adjustable rod, a sleeve or runner loosely mounted on the supporting-standard, outward-extending arms pivoted at their inner ends to the said sleeve or runner and provided at their outer ends with line-holding devices, and rods connected to the loose plate on top of the vertically-adjustable rod and to the said outward-extending arms, substantially as set forth.

2. In a clothes-drier, the combination, with a flanged collar, E, of a central rod or pipe having a bushing, *a*, runner H, having a set-screw, *k*, and carrying arms N N, suspending or brace rods O O, and a plate, P, loosely mounted on the upper end of the adjustable rod or pipe D, substantially as described.

3. The combination, with a clothes-drier, substantially as described, of clamping-hooks *s*, eccentrics *t*, engaged with said hooks and having handles *u*, substantially as described.

Witnesses: JOSEPH V. FLECK.

H. T. WRIGHT,

J. W. WALLACE.