

A. Stechschult,

Clothes Drier.

No. 113,106.

Patented Mar. 28. 1871

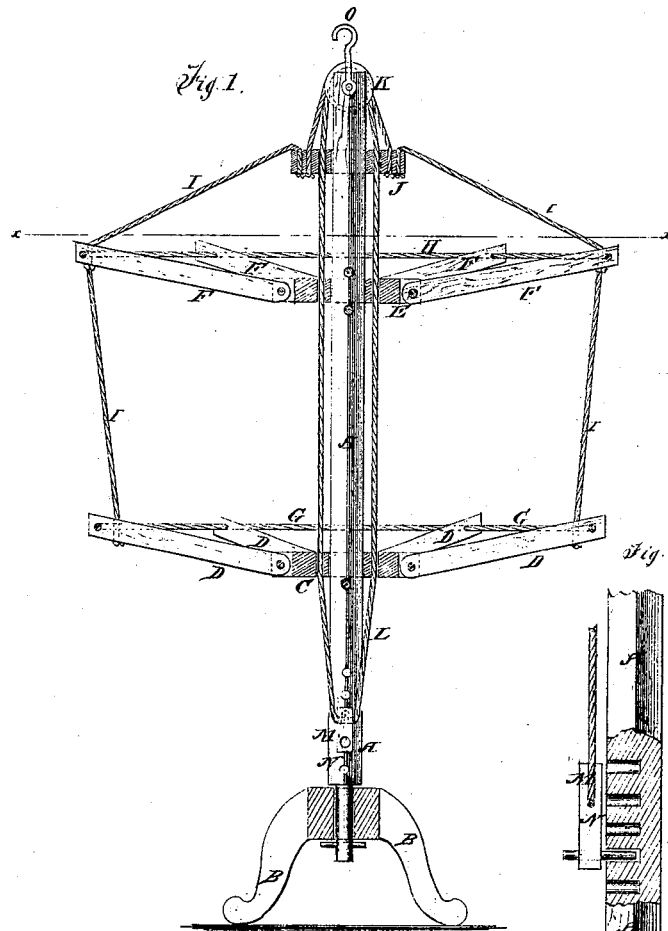


Fig. 3.

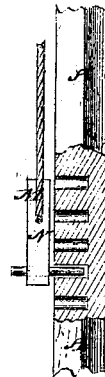
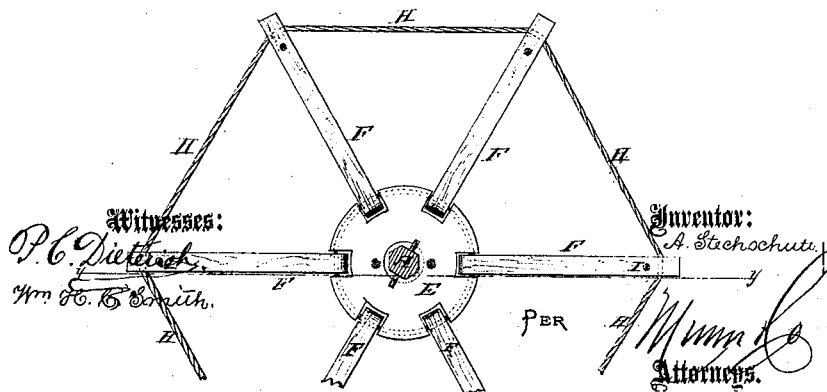


Fig. 2.



United States Patent Office.

AUGUST STECHSCHULT, OF GLENDORF, OHIO.

Letters Patent No. 113,106, dated March 28, 1871.

IMPROVEMENT IN CLOTHES-DRIERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, AUGUST STECHSCHULT, of Glendorf, in the county of Putnam and State of Ohio, have invented a new and useful Improvement in Clothes-Drier; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention pertains to improvement in that class of clothes-driers which consists, in general terms, of a series of arms so jointed around an upright standard, and connected by cords, as to be raised and lowered at will.

The improvement consists in so hinging and arranging two sets of arms, in connection with a revolving upright, that each may be folded downward against said upright, the lower ends of the upper set, in that case, abutting the upper ends of the lower, and both sets being so connected by cords with an adjustable block that they may be raised or lowered simultaneously, or set at any desired angle, as hereinafter fully set forth.

In the accompanying drawing—

Figure 1 represents a sectional elevation of a clothes-drier constructed according to my invention, the section being on the line *yy* of fig. 2.

Figure 2 is a horizontal section on the line *xx*.

Figure 3 is a detail, showing the mode of holding the arms or adjusting the tension of hoisting-cord on the central stand.

Similar letters of reference indicate corresponding parts.

A represents the central stand, which is made to turn or revolve in the pedestal B, as seen in fig. 1;

C is the lower center or head, which is made to slide up and down on the stand A, to which the lower tier of arms D is jointed;

F is a fixed central head, to which the upper tier of arms F is jointed;

G is a line, by which the lower tier of arms is connected; and

H is a line for the upper tier.

Clothes are hung for drying on these lines, as well as on the arms.

I represents supporting-lines or cords, by which the two tiers of arms and the upper sliding center J are connected.

K is a pulley on top of the stand A, and

L is the hoisting-cord, which is made adjustable on the stand A, as seen at M.

The ends of this cord cross each other on the pulley K, and are attached to opposite sides of the sliding center J, so that, by drawing down on the cord (or block N) to which the lower end of the cord is fastened, the two sets of arms, D and F, are elevated and extended, as seen in fig. 1.

The block N is fastened by means of a pin attached thereto, as seen in fig. 3.

When the pin is removed and the hoisting-cord loosened the supporting-cords I will be also loosened, which will allow the two tiers of arms D and F to drop and fold down parallel with the stand A, thus reducing the bulk of the drier, so that it may be readily packed and transported.

The stand A is confined to the stool or pedestal B by a pin, which may be removed and the stand placed on, or in any other support; or the drier may be suspended from the ceiling of a room, or any other fixture, by means of the hook O on the upper end of the stand.

This is a light, cheap, and simply-constructed clothes-drier, made adjustable so as to be used for more or less clothes, and in almost any desired situation.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The block N, provided with an adjusting-pin, in combination with the cords L, revolving standard A, pulley K, hinged arms D and F, cords H and I, centers C, E, and J, and stool or pedestal B, all constructed and arranged, as shown and described, to form an improved clothes-drier.

AUGUST STECHSCHULT.

Witnesses:

H. F. KNOWLES,
J. C. KNOWLES.