

D. K. HICKOK.
CLOTHES-DRIERS.

No. 195,761.

Patented Oct. 2, 1877.

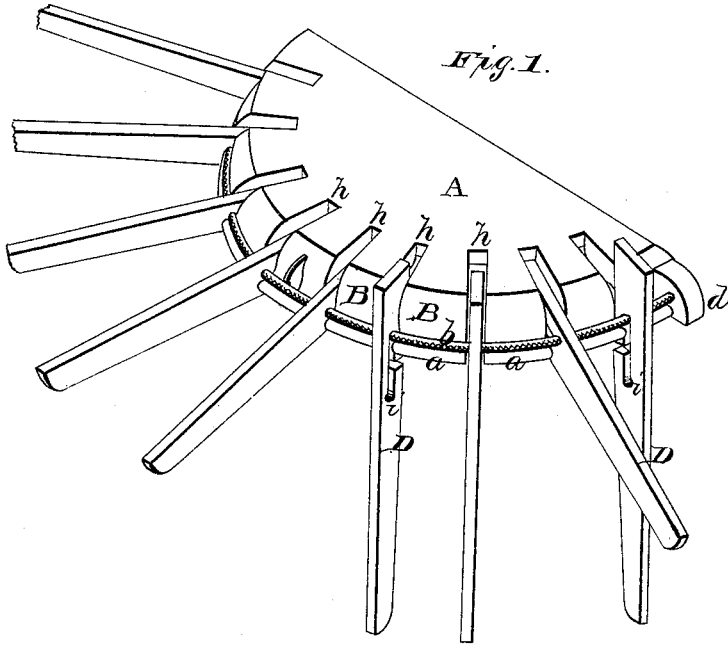


Fig. 3.

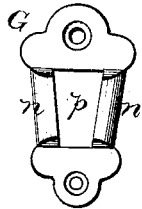


Fig. 2.

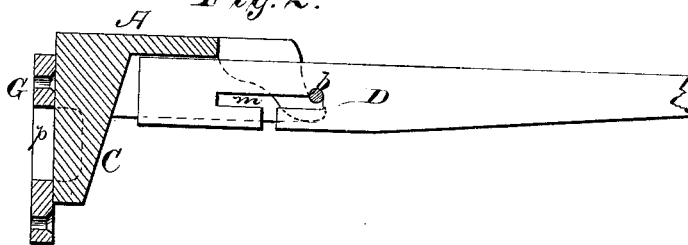


Fig. 4.



WITNESSES
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IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. **195,761**, dated October 2, 1877; application filed March 12, 1877.

To all whom it may concern:

Be it known that I, DEWEY K. HICKOK, of Morrisville, in the county of Lamoille, and in the State of Vermont, have invented certain new and useful Improvements in Clothes-Driers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a clothes-drier, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my improved clothes-drier. Fig. 2 is a central vertical section of the same. Fig. 3 is a front view of the bracket to which the drier is attached. Fig. 4 is a side view of one of the arms.

A represents a semicircular cast plate of suitable thickness, forming around its circumference a series of downwardly-projecting fingers, B B, with radial slots *h* between them. In the center of the back of the casting A is a downwardly-projecting dovetailed and tapering arm, *c*, cast with it in one piece, as shown. The lower ends of the fingers B form on the front side shoulders *a* to support a rod or wire, *b*, which is passed around all the fingers, and has its ends riveted or otherwise permanently fastened in lugs *d d* projecting on each side at the back of the casting.

D D represent the arms of the clothes-drier, made of wood or other suitable material, and of such dimensions as to be moved freely in the slots *h* between the fingers B.

Each arm D has a T-shaped slot, *m*, near the inner end. The center part of this slot extends from the lower edge of the arm upward

for a suitable distance, and the side parts of the slot run longitudinally with the arm, as shown in Figs. 2 and 4.

In the front end of the slot *m*, at the top, is made a notch, *i*, of such size that it will fit over the rod or wire *b*. Each arm D is placed in a slot, *h*, of the casting A B by letting the rod *b* enter the center portion of the slot *m*. By now drawing the arm forward till the rod *b* gets in the inner or rear end of the slot *m* the arm can swing downward and hang out of the way.

When the arm is to be used it is raised to a horizontal position, and then pushed inward until the inner end of the arm passes under the main part of the casting and the rod *b* gets into the front end of the slot *m*, when the arm settles down with the notch *i* over the rod, whereby the arm becomes locked in position, or at least so held that it cannot accidentally come out.

It will be seen that the arms D are entirely independent of each other, and by means of the T-shaped slots *m* any one or more of the arms can be entirely removed from the casting without interfering with the others.

G represents a bracket, to be fastened to the wall or other place where the clothes-drier is to be applied. This bracket is on the front side formed with two inclined and beveled lips or flanges, *n n*, forming a tapering dovetailed socket for the insertion of the arm C of the casting, whereby said casting is held to the wall and can be easily lifted out when desired.

The bracket G is formed with an opening, *p*, the entire distance between the lips or flanges *n n*, which materially facilitates the casting of the bracket, as otherwise in the pattern said lips would have to be made separate and pressed down into the sand separate from the pattern of the bracket, whereas by making the opening *p* the pattern can be in one piece, and in placing it in the mold the sand will pass up through said opening to form the core.

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

1. In a clothes-drier, the arms D, provided with the T-shaped slot *m*, having notch *i* at its front end, substantially as and for the purposes herein set forth.

2. The casting A, constructed with downward-projecting tapering arm C, lips B, slots *h*, shoulder *a*, and wire *b*, in combination with

the arms D, constructed with T-shaped slots *m*, and the bracket G having the flanges *n n*, all substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of March, 1877.

DEWEY K. HICKOK.

Witnesses:

FRANK GALT,

FRANCK L. OURAND.