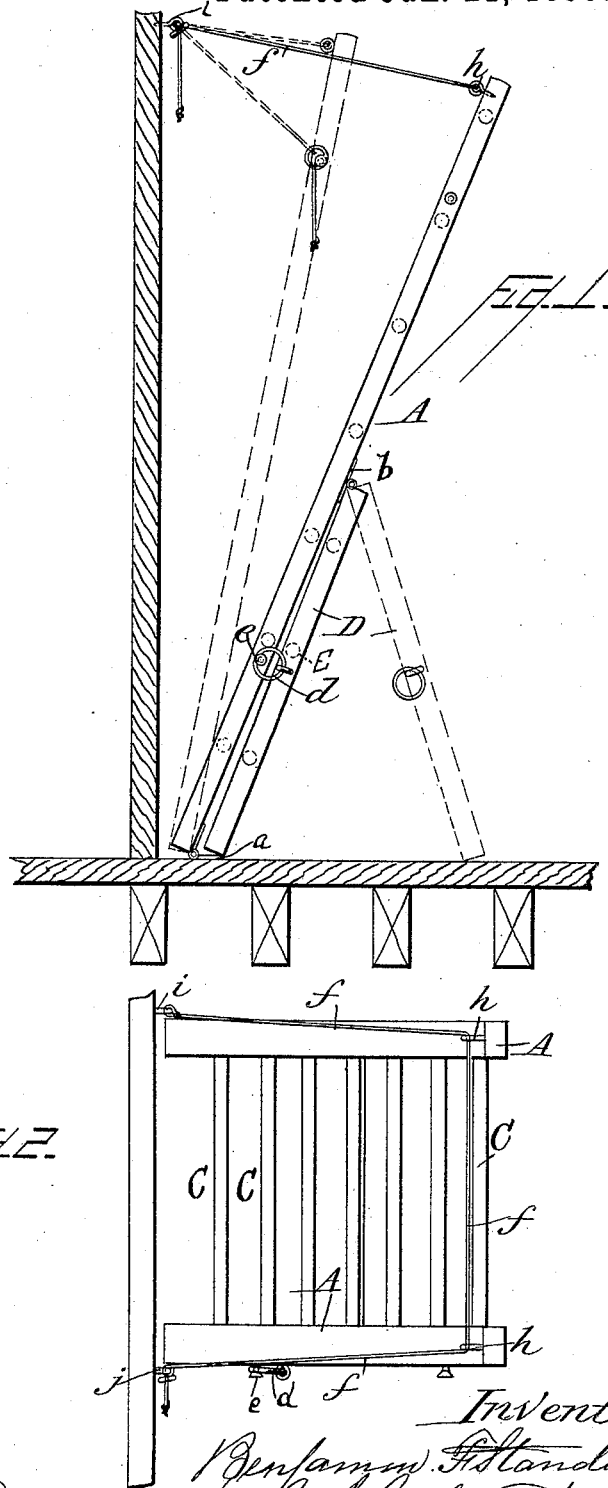


(No Model.)

B. F. STANDISH.
CLOTHES DRIER.

No. 419,896.

Patented Jan. 21, 1890.



Attest:

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UNITED STATES PATENT OFFICE.

BENJAMIN F. STANDISH, OF WOODSTOCK, VERMONT.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 419,896, dated January 21, 1890.

Application filed June 10, 1889. Serial No. 313,737. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN F. STANDISH, a citizen of the United States, residing at Woodstock, in the county of Windsor and State of Vermont, have invented certain new and useful Improvements in Clothes-Driers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has reference to an improvement in clothes-driers, or devices used in a house or laundry for receiving articles after being ironed or calendered, the object of the invention being to simplify and perfect the construction of driers of this kind and provide one which may be easily and readily adjusted with the expenditure of but little strength and without the exercise of any skill; and the invention consists in the construction, arrangement, and combination of parts, substantially as will be hereinafter described, and then more particularly pointed out in the annexed claims.

In the accompanying drawings, illustrating my invention, Figure 1 is a side or edge view of my improved clothes-drier, the wall and floor of the house in connection with which it is arranged being shown in section. Fig. 2 is a top plan view of the same.

Like letters of reference designate corresponding parts throughout all the different figures.

My improved clothes-drier consists, primarily, of two upright posts or standards A A, the lower ends of which are hinged by means of any suitable hinges or butts *a a* to the floor. These uprights A A are connected by horizontal bars or rods of suitable shape and size and length C C. There may be any number of these rods C C, and their length may be such as to make the clothes-drier of a convenient size for use. Of course I am restricted to no particular length for the bars C C or the uprights A A. Different sizes of driers will be obviously required for different locations. Neither am I restricted to any particular number of the bars C C. They are located at suitable distances apart. A convenient number is ten; but there may be any number. It will thus be seen that the frame

which I have just described, consisting of the uprights and the cross-rods, may be adjusted to occupy different angles of inclination.

My clothes-drier also includes an auxiliary frame-work similar to what I have just described and consisting of the uprights D D, which are much shorter than the uprights A A and which are hinged at their upper ends to the uprights A A at a convenient distance from the lower ends thereof (see Fig. 1) by means of suitable hinges or butts *b b*. The uprights or side posts D D are connected by bars, rods, or other cross-pieces E E, of which there may be any desirable number.

My improved clothes-drier will be located at any convenient point in the room or laundry. It may be thought best to arrange it in juxtaposition to the wall, as in Fig. 2, so that when it occupies a vertical position it will be close against the wall, and thus out of the way. When the main frame has been moved into an exactly vertical position and the auxiliary frame has been dropped alongside of it, it is evident that the device will occupy but little space. The upper ends of the uprights A A are each provided with staples *h h*, having eyes, through which passes a cord *f*, one end of which is attached to a staple *i*, affixed permanently in the wall of the room, while the other end passes through another staple *j*, likewise secured to the wall. Said staples *i* and *j* are located at about the same height as the upper ends of the uprights A A and at points opposite to said ends. It is evident, therefore, that by laying hold of the free end of the cord, chain, or rope *f*, which end passes through the staple *j* and depends below the same, the user of the device may easily adjust the main frame of the drier at any desired angle of inclination. He may place the frame in this way in the position shown in full lines in Fig. 3, or he may cause it to occupy the position shown in dotted lines in Fig. 3. When this device is used for adjusting the angle of inclination of the drier, the auxiliary frame may or may not be employed, as desired. I provide one of the side pieces D of said auxiliary frame with a ring *d*, adapted to engage a pin *e* on the adjacent upright A; hence if it desired not to use the auxiliary frame it may be adjusted into a position alongside of said frame and locked

thereto by causing the ring to engage the pin, as aforesaid. If it is desired, however, to use the auxiliary, all that the operator need do is to disconnect the auxiliary from the main frame and allow it to assume the position shown in dotted lines in Fig. 1.

With a clothes-drier thus constructed the clothes, after they have been ironed or calendered, can be readily exposed to the drying action of the air for a considerable length of time. It will be found that a drier of this kind can be easily manipulated. It is so simple in its construction and so perfect in its operation that it readily commends itself as a cheap and practicable device. Its capacity of course depends upon its size; but it will be found that even a small device constructed upon the principles of this invention will have a considerable capacity.

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

1. In a clothes-drier, the combination, with the main frame having its uprights hinged at their lower ends to the floor, of the top operating-cord for said main frame, and the auxil-

iary frame hinged to the main frame and provided with a locking device, whereby it may engage the main frame, substantially as described.

2. In a clothes-drier, the combination, with the main frame consisting of uprights A A and cross-bars C C, the uprights being hinged at their lower ends to the floor, of the top operating-cord *f*, passing through staples in the upper ends of the uprights A A, one end of said cord being affixed to the wall, while the other end is adapted to be grasped by the operator, and the auxiliary frame comprising the side pieces D D and cross-rods E E, said side pieces being hinged to the uprights A A at a convenient distance above their lower ends, and the ring *d*, connected to one piece D and adapted to engage pin *e* on one of the uprights A, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

BENJ. F. STANDISH.

Witnesses:

EDWARD M. STANDISH,
FREDK. C. SOUTHGATE.