

A. F. STOWE.
Clothes-Driers.

No. 152,431.

Patented June 23, 1874.

Fig. 1.

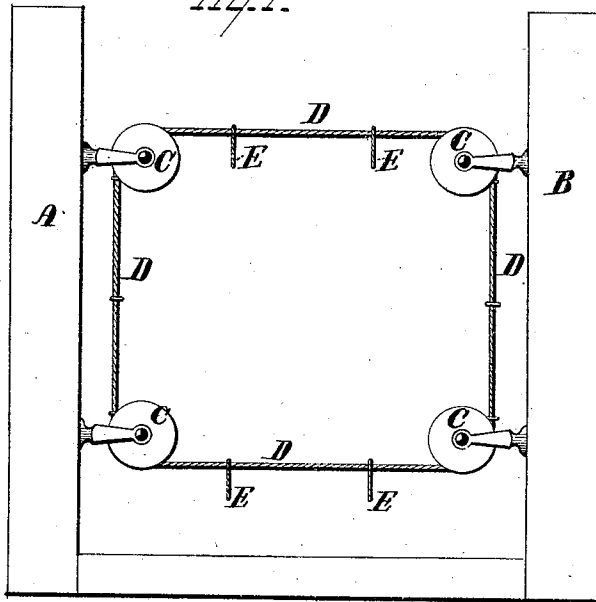


Fig. 2.

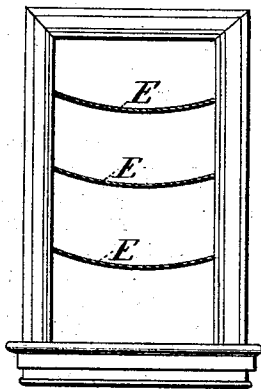
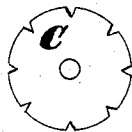
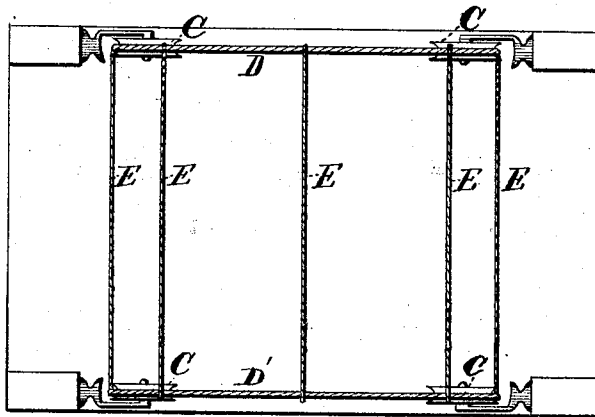


Fig. 3.



WITNESSES
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UNITED STATES PATENT OFFICE.

ANDREW F. STOWE, OF HAVERHILL, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS RIGHT TO WILLIAM SELLERS, OF SAME PLACE.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. **152,431**, dated June 23, 1874; application filed May 27, 1874.

To all whom it may concern:

Be it known that I, ANDREW F. STOWE, of Haverhill, in the county of Essex and State of Massachusetts, 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improved clothes-drier for use in localities where the clothes are all put upon the lines from a single point—as, for instance, a window—and then drifted away to make room for more.

In the drawings, Figure 1 is a side elevation of my invention. Fig. 2 is a view of same, looking from a window from which the drier is accessible. Fig. 3 is a plan view of same.

My invention consists in a series of cords arranged parallel to each other, their ends connected to two similar cables, and the cables passed over suitable pulleys, so that the parallel lines can be made to pass successively by the window, parallel to it, and in close proximity therewith. The pulleys may be arranged upon opposite houses when they stand near enough together, and so as to be used by both parties; or, for a single house, the pulleys may, two of them, be attached above and two below the window, and the other four be attached to any other object, as a frame erected for the purpose off opposite to the window.

A represents that portion of a house adjacent to a window, from which the clothes are supplied to the drier. B is an opposite house, or a frame erected for the purpose of receiving the opposite pulleys. C are pulleys arranged upon one side for the passage of one of the supporting-cables D, and are similar in all respects, and placed opposite to the pulleys C' and cord D' on the opposite side of the window. E are lines that are placed at suitable distances apart and parallel to each other. They connect at their ends with the cables D D', like the ribs of a reel or the steps of a ladder.

By pulling upon the cords D D' the system of cords E is made to pass successively by the window, parallel to it, and clothes can be supplied from the window to each of the said lines until the whole drier is filled. The pulleys C are formed to admit of the lines E passing them unimpeded, as shown in the plan view, Fig. 3.

I am aware that a single line has been made to pass around in a horizontal direction adjacent to a window, so that it can be supplied from the window by passing around four pulleys arranged in a horizontal plane, and am also aware of lines having been formed to pass between two points for this purpose, and arranged to be revolved past a window, but not parallel to the window; but I am not aware that a system of parallel cords have been made in a reel form to revolve past a window from top to bottom, or vice versa, as I arrange them.

The wheels C are formed upon their inner edges with broad notched flanges, so that the cords E, in passing around the pulleys, will drop into the said notches, and thus prevent them from drawing the cables D off the pulleys, as would otherwise be likely to happen, and also serve to grasp the lines E and prevent the cords D from slipping upon the pulleys; and the cords or cables, or both, may be of metal or any other suitable material.

What I claim is—

The clothes-drier herein described, consisting of a suitable support, system of cogged or ratcheted pulleys C C', endless supporting belts or cables D D', passing around and held in place by the pulleys C C', and parallel short lines E, passing across at short intervals apart from one cable, D, to the other, D', connecting them together and forming the supporting-ropes for the clothes, all constructed, arranged, and adapted to operate substantially as and for the purposes described.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of May, 1874.

ANDREW F. STOWE.

Witnesses:

WELLS W. LEGGETT,
ROBT. M. BARR.