

J. H. CHADWICK.
Clothes-Frame.

No. 160,160

Patented Feb. 23, 1875.

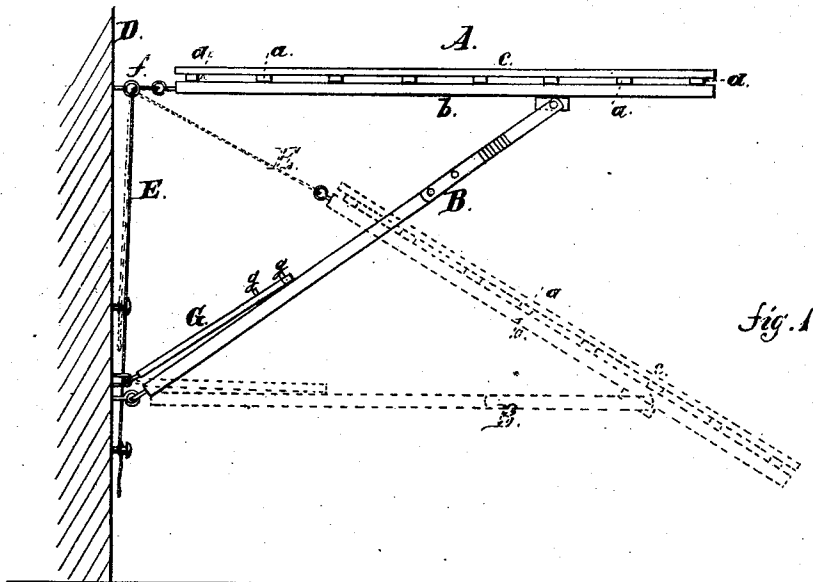


Fig. 1.

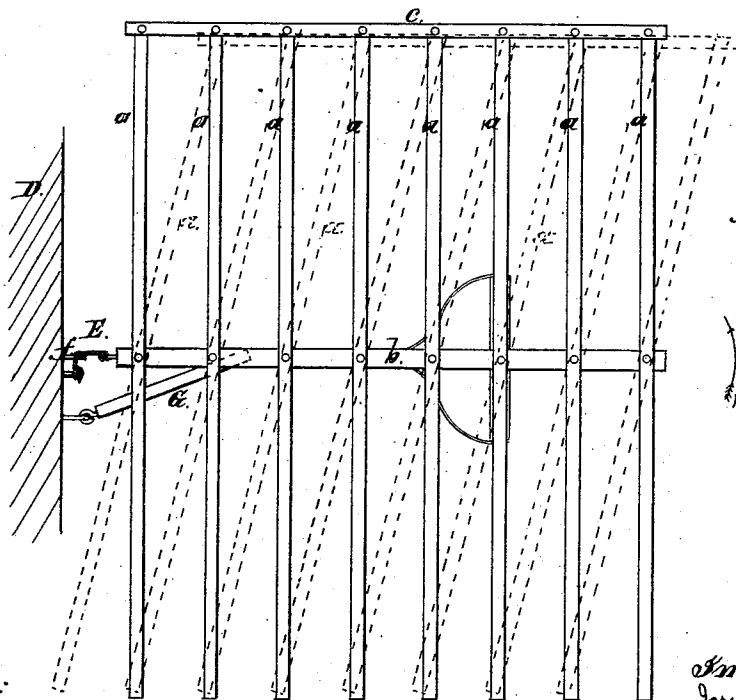


Fig. 2.

Witnesses:

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UNITED STATES PATENT OFFICE.

JOSEPH H. CHADWICK, OF WHEATON, ILLINOIS.

IMPROVEMENT IN CLOTHES-FRAMES.

Specification forming part of Letters Patent No. **160,160**, dated February 23, 1875; application filed January 23, 1874.

To all whom it may concern:

Be it known that I, JOSEPH H. CHADWICK, of Wheaton, in the county of Du Page and State of Illinois, have invented certain Improvements in Racks for Drying Clothes, of which the following is a specification:

This invention consists of a flexible grating supported at the center by a diagonal hinged strut or brace from the wall, and capable of being lowered by a cord to receive the clothes, and raised into a horizontal position, as will be presently more fully explained.

In the accompanying drawing, which forms a part of this specification, Figure 1 represents a side view, and Fig. 2 is a plan view, of the invention.

In the said drawing, A represents the horizontal grate, composed of the bars *a*, upon which the clothes are to be hung, pivoted to the transverse center bar *b* and the stringer *c*. B is the diagonal strut or brace, hinged to the center bar at a point near the middle of the grate, and hinged to the wall D at about the height of the chair-board. A cord, E, is attached to the end of the center bar *b*, and, passing through a pulley or eye, *f*, affords a means of hoisting and sustaining the grate in a horizontal position at such a height in the room as to be above the stove and out of the way. A short arm, G, hinged to the wall a little to one side of the strut, and connected to said strut by means of a pin, serves to hold the whole apparatus from swinging sidewise.

When the grate is to be filled with clothes, it may be lowered into the position shown in dotted lines at Fig. 1, and when filled may be hoisted up into the position shown in full lines in the same figure, and secured thus by fastening the cord.

The arm G is pierced with several holes, and the strut furnished with several of the pins *g*, so that the grate may be swung to one side or the other, and secured in that position. This is convenient when it is desired, for instance, to bring the clothes directly over a stove. When thus swung to one side or the other, the bars should be moved upon their pivots, as shown in the dotted lines at Fig. 2, to accommodate the grate to its new position. This flexibility of the grate enables one to close it up, and cause it to occupy a very small compass when it is to be taken down and stowed away.

The hinges for the lower end of the strut and arm may consist merely of staple and hook, as shown in the drawing, which will enable the whole apparatus to be quickly and easily taken down from the wall to be stowed away, leaving nothing except the staples to disfigure the wall.

When the rack is in position the clothes hang free from each other, and in a warm upper stratum of air.

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

The combination of the rack A, composed of bars *a*, center bar *b*, and stringer *c*, the strut B, hinged to the rack and to the wall, the arm G, cord E, and pulley or eye *f*, substantially as specified and shown.

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Witnesses:

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