

H. D. Struse,

Clothes Frame,

N^o 82,657.

Patented Sep. 29 1868.

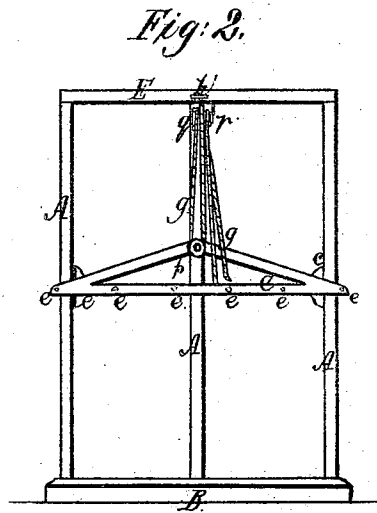
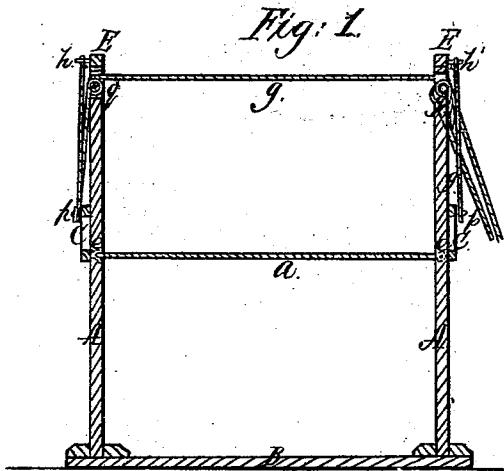
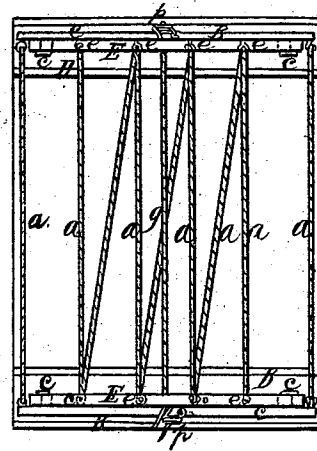


Fig. 3.



Witnesses:
A. Heller
A. Kummer

Inventor:
Henry D. Struse

United States Patent Office.

HENRY D. STRUSE, OF BROOKLYN, NEW YORK.

Letters Patent No. 82,657, dated September 29, 1868.

IMPROVED CLOTHES-DRIER.

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, HENRY D. STRUSE, of Brooklyn, in the county of Kings, and State of New York, have invented a new and improved Clothes-Drying Frame; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a sectional elevation view of a clothes-drying frame constructed according to my improvement.

Figure 2 represents an end view, and

Figure 3 represents a plan view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to provide for the elevation of clothing and other articles, while drying in the yards of dwelling-houses, or in other places where the room is restricted, to a height which will place them out of the way of persons passing, and expose them to a more unobstructed circulation of air; and it consists in the arrangement of vertically-sliding frames or stretchers, provided with a series of connecting clothes-lines, and movable up and down, under the control of cords, upon suitable stationary frames or standards, whereby facility is afforded for lowering the lines to a convenient height to enable the clothes to be hung upon them, and afterwards raising them up out of the way of passers-by, and to such height that the circulation of air among them is unimpeded by fences or other obstructions near the ground.

In order that others may be better enabled to understand the construction and operation of my invention, I will proceed to describe it with reference to the drawings.

A A are two series of upright posts, secured to a suitable base, B, and braced at the top by cross-pieces, E E, the whole constituting a stationary frame. Instead of the base, B, the uprights A may have their lower ends driven into the ground, or may be secured in any other suitable manner, thereby dispensing with the said base.

C C are the vertically-sliding frames or stretchers, each fitted to slide vertically on one of the series of uprights A A, upon which they are kept horizontal by sliding jaws or clamps *c*. These stretchers C are provided upon their inner sides with hooks or loops *e*, to which is secured a series of clothes-lines, *a*, which extend from one stretcher to the other, and upon which clothing or other articles may be suspended in the usual manner to be dried. At the central and highest point of these stretchers C are provided pulleys *p p'*. Within the two central uprights, A, at each end of the stationary frame, and near the upper extremities thereof, are arranged pulleys *q q'*. On the outside of one of these central uprights, even with and opposite to pulley *q'*, is an outside pulley, *r*. Inserted in the cross-pieces E E, just above the pulleys *q q'*, are hooks or staples *h h'*. In the hook or staple *h* is secured one end of a cord, *g*, the other end of which extends downward and passes around pulley *p* in the apex of the stretcher C. Extending upward, the said cord passes over the pulley *q*, in the upper portion of the central upright, A, and thence extends across to the opposite end of the frame, and passes over the pulley *r*. Another and similar cord, which I will designate by *g'*, is secured by one end to the hook or staple *h'*, and extending downward, passes around the pulley *p'*, whence it extends upward, and passes over the pulley *q'*. The ends of these two cords, *g* and *g'*, which are not secured to the said hooks *h h'*, may be secured to each other by a knot or otherwise.

In the operation of this invention, the sliding frames or stretchers C C are first lowered by loosening the lower end of the pulley-cord *g* from its place of confinement, and the said frames or stretchers permitted to descend by their own weight, which lowering of the said frames or stretchers brings the line or lines *a* to a convenient height to enable the clothes or other articles to be hung thereon. The clothes or other articles are then hung upon the said cord *a*, and secured in the usual manner, with clothes-pins or otherwise; and the frames or stretchers C C are again drawn upward, by tightening the cord *g*, until the clothes or other articles are elevated to a sufficient height to place them out of the way of passers-by, and where they may have the benefit of a more unobstructed circulation of air, and the lower end of the pulley-cord secured as before.

After the clothes are sufficiently dry, they may be lowered and taken off, or replaced by other wet clothes, by loosening and lowering the sliding frames C C, as above described.

What I claim as my invention, and desire to have secured by Letters Patent, is—

The combination of the stretchers C, having guides *c* at each end, and carrying the clothes-line *a*, with the corner-posts A, pulleys *p q r*, and cords *g*, all arranged for operation, substantially as shown and described, for the purpose set forth.

HENRY D. STRUSE.

Witnesses:

A. LE CLERC,

A. KINNIER.