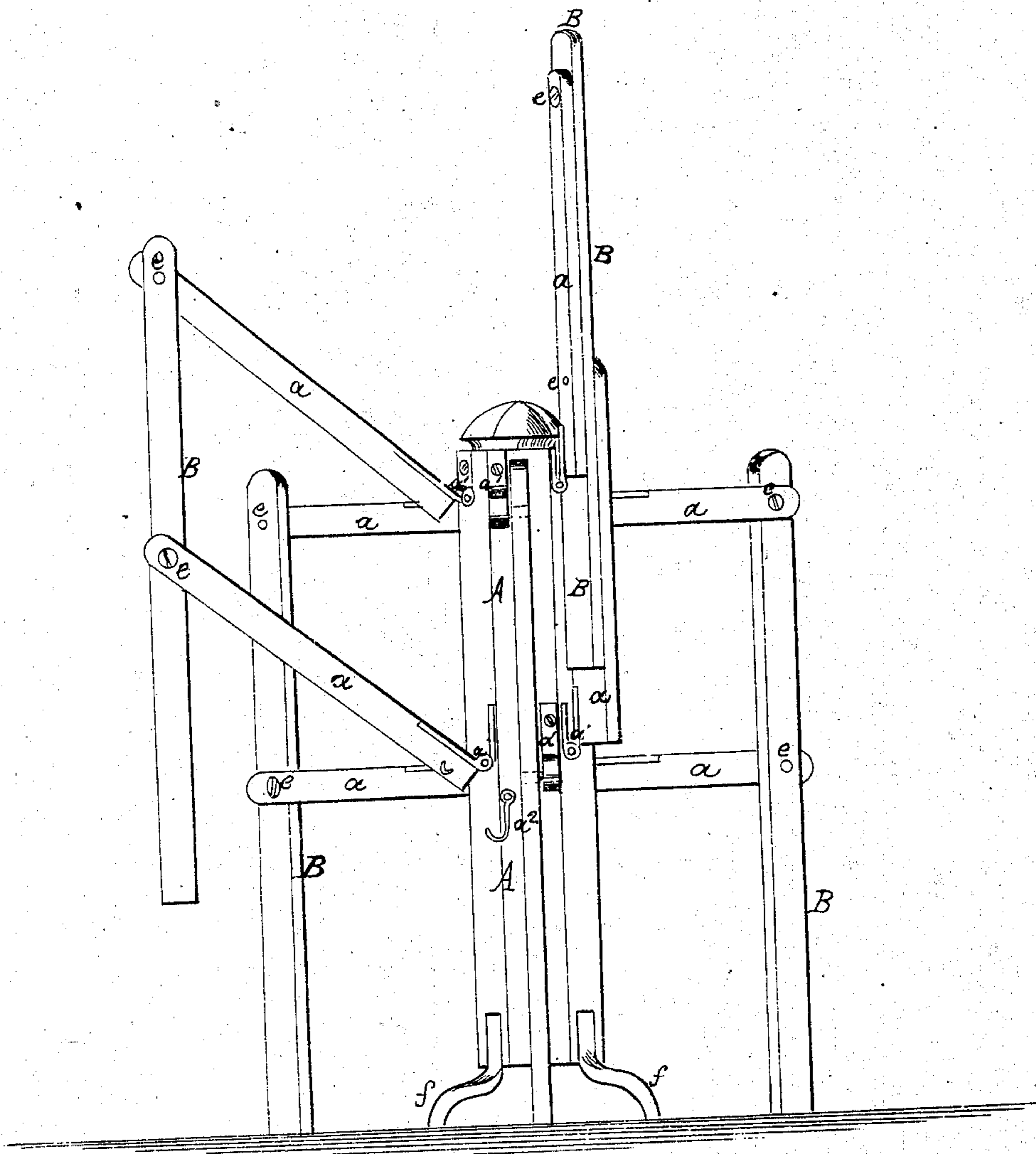


PATENTED

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Isaac N. Deal. Clothes Dryer.



witnesses.
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ISAAC N. DEAL, OF BROOKLYN, NEW YORK.

Letters Patent No. 74,318, dated February 11, 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, ISAAC N. DEAL, of Brooklyn, in the county of Kings, and State of New York, have invented a new and improved Clothes-Drier; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and improved method of constructing an apparatus for the drying of clothes, whereby the same may be folded up, either in part or in the whole, so as to be compact, and occupy less space than the clothes-driers now in use.

It consists of a centre stand, around which are arranged and to which are hinged any desired number of arms, in such way as that said arms may be folded up upon said centre stand; or it may consist of a centre-piece, not used as a stand, around which are arranged and to which are hinged any desired number of arms, a foot or support being pivoted to the ends of said arms, in such a way as that said arms and foot may be folded upon said centre-piece, whereby the same may be made to occupy but small space.

The drawing is a front view of my invention, showing the arms open, and folded up or partly folded up.

A is the centre-piece or stand; a are the arms; a^1 are hinges, securing arms a to the centre-piece or stand A; B are uprights or supports connecting two of said arms a together, serving also as feet; e are pivots securing arms a to the uprights B; f are feet on centre-piece A; a^2 is a hook, to hold the arms a to the centre-piece A. The centre-piece or stand A is made of wood, or other suitable material, either cylindrical or otherwise in form, so as to receive any required number of radial arms a , as shown in the drawing, arranged at equal distances apart around said centre-piece A. Said centre-piece A is supported by any convenient number of feet f , or the same may be without supports or feet. The centre-piece A may be of any convenient size, to give the necessary strength to support the arms a , according as the drier is to be used in the open air or in the house. The arms a may be made of wood, or other light material, of any desired number, arranged around the centre-piece A in pairs, as shown, to the number of six or eight or more pairs. The arms a are placed one above the other, at any desired height above the feet f , one of each of the upper arms a , as shown in the drawing, and one of each of the lower arms a , being connected together at the outer ends of said arms a , by a support, B, to which said support B, said arms a are pivoted by the pivots e , as shown in the drawing. The inner ends of the arms a are secured to the centre-piece A by the hinges a^1 , as shown in the drawing; the hinges on the upper arm a being set as much further to one side of a vertical line drawn through the lower hinges as the thickness of the upright B, and so as, when folded up, the uprights B will take position between the upper and lower arms a , as shown in the drawing. The uprights B are pivoted to both the arms a in pairs, upon the end of said arms a , on the inside of the upper arm, and on the inside of the lower arm, as shown in the drawing, the object of which is that when folded up, the arms a and the uprights B will not fold one upon the other, but will be side by side against the centre-piece A, as shown. The uprights B are made of wood, or other light material, of a length nearly equal to that of the centre-piece A, above described. The centre-piece A may be made without a foot, by putting fastenings upon the arms a , to prevent their folding up, the supports B thus becoming the feet or supports of the clothes-drier, or by a hook, a^2 , as shown.

The operation is readily seen from the drawing and above description.

Constructed as above described, it constitutes a light, neat, and convenient clothes-drier, to be used in the house or in the open air, the advantages of which are, that it may be supported on feet attached to the centre-piece, or by the uprights themselves at pleasure, and that the same may be folded wholly or in part, so as to occupy small space.

I claim as new, and desire to secure by Letters Patent—

A clothes-drier, constructed as described, and consisting of the central upright A, supports B, arms a , and hinges or pivots a^1 , when the arms a are pivoted to opposite sides of the supports B, and when the hinges a^1 , connecting each of said arms a to the central post A, are not in the same vertical line, as described, and for the purpose specified.

ISAAC N. DEAL.

Witnesses:

WM. F. McNAMARA,

ALEX. F. ROBERTS.