

A. S. PARKS.
CLOTHES-DRIERS.

No. 184,169.

Patented Nov. 7, 1876.

Fig. 1.

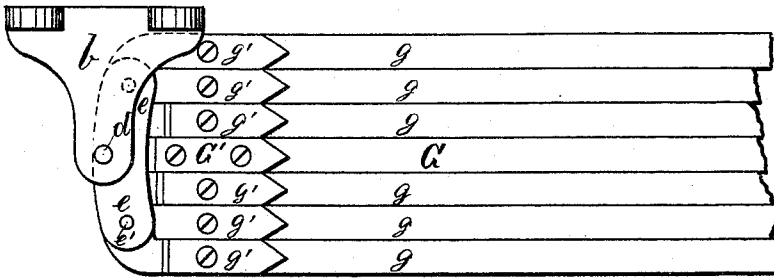
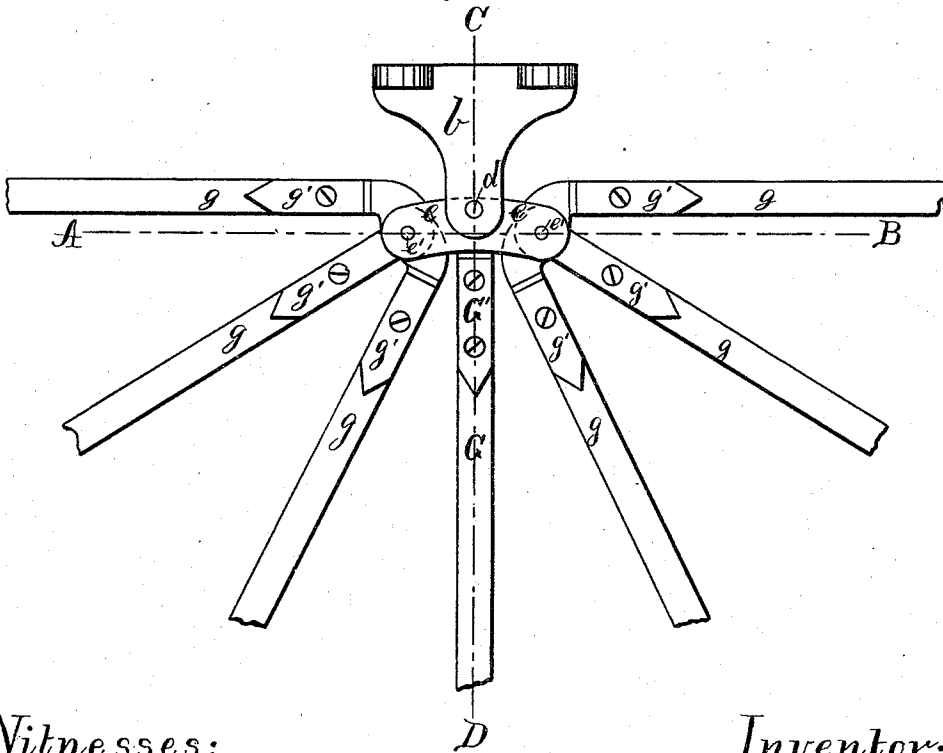


Fig. 2.



Witnesses:

Henry Chadbourn
John A. Dougherty

Inventor:

Austin S. Parks
by
Alvan Andrieu
his atty.

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Fig. 3.

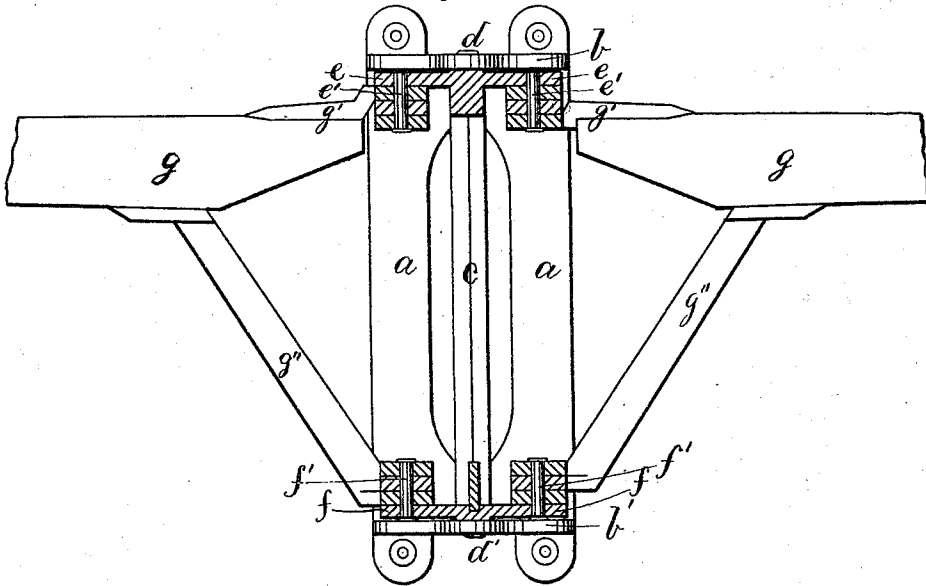
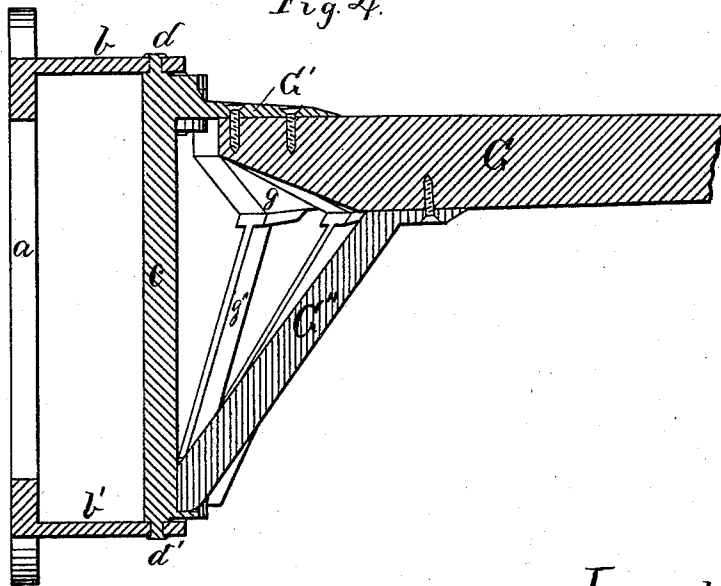


Fig. 4.



Witnesses:

Henry Chadbourn
John A. Dougherty

Inventor:

Austin S. Parks.
by
Ethan Andrew,
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UNITED STATES PATENT OFFICE.

AUSTIN S. PARKS, OF WINCHENDON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS RIGHT TO SIDNEY FAIRBANK, OF SAME PLACE.

IMPROVEMENT IN CLOTHES-DRIERS.

Specification forming part of Letters Patent No. 184,169, dated November 7, 1876; application filed April 21, 1876.

To all whom it may concern:

Be it known that I, AUSTIN S. PARKS, of Winchendon, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Clothes-Airers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification:

My invention relates to improvements in folding clothes-airers or driers, adapted to being supported on or suspended from a wall in the room, or in other suitable manner, as may be found desirable, and being provided with a number of folding arms on which the clothes are to be hung when they are to be aired or dried; and my invention consists of a frame having brackets in its upper and lower ends, between which a standard, provided in its upper and lower ends with projecting side pieces, is made to swing freely to the right or left, as may be desired. Each of the side pieces aforesaid is provided with a hinge-pin, which, in the upper side pieces, projects through a number of metallic hinges or joints secured to the upper side of the bars on which the clothes are to be supported. The hinge-pin in each of the lower side pieces projects through a number of metallic-hinged diagonal supports or braces, that are secured in their upper ends to the under sides of the aforesaid clothes-bars.

In addition to the said side pieces and their hinged bars and hinged diagonal supports, a central bar is used, secured in its upper end to a projection from the hinged standard, and provided from below with a diagonal support, the lower end of which is resting against or secured to the said standard or its lower side pieces, as may be desirable. To allow the clothes-bars to fold together very closely, I make the hinges both in the upper and lower ends overlapping each other. By this arrangement of hinged side pieces, to which the clothes-bars are hinged, I am able to obtain more space between the inner ends of the

clothes-bars, so as to utilize said inner ends more effectually than could be obtained with the ordinary contrivances for this purpose.

The diagonal braces that are secured to the under side of the hinged bars impart great strength and durability to the clothes-bars, and prevent them from sagging down when loaded with clothes, which is a common annoyance with the ordinary clothes-driers.

On the accompanying drawings, Figure 1 represents a plan view of my improved clothes-airer when closed. Fig. 2 represents a plan view of the same when open. Fig. 3 represents a vertical section on the line A B, (shown in Fig. 2,) and Fig. 4 represents a central longitudinal section on the line C D, also shown in Fig. 2.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

a represents the frame or plate, provided with projecting brackets *b b'*, to which the standard *c* is hinged at *d* and *d'*, as shown, and around which hinges it is allowed to swing freely to the left and right, as may be desired. In one piece with the standard *c* is cast, in its upper end, the side pieces *e e*, having hinge-pins *e' e'*, as shown. Similar side pieces, *f f*, are cast in one piece with the lower end of the standard *c*, and provided with hinge-pins *f' f'*, in a similar manner. To the hinge-pins *e' e'* are hinged the hinge-pieces *g' g' g'*, that are secured to the clothes-bars *g g g*, by means of screws or otherwise, as shown. To the under side of the clothes-bars *g g g* are secured the hinged diagonal supports *g'' g'' g''*, that are hinged in their lower ends to the hinge-pins *f' f'*, which latter are located directly underneath the hinge-pins *e' e'*. It will be seen that the hinge-pieces *g' g' g'* overlap each other at the place where the hinge-pins *e' e'* project through them, as do likewise the lower ends of the diagonal supports *g'' g'' g''*, by which arrangement I am able to fold the bars *g g g* closely together, as well as spreading them farther apart when desired for use, than could be done if the said bars were arranged one above the other, as heretofore has been the case.

G represents the central clothes-bar secured

to a piece, G' , projecting from the upper end of the standard c , and provided on its under side with a diagonal support, G'' , the lower end of which is resting in a suitable manner against the lower end of the said standard c , and confined preferably in a small groove or recess therein, as shown.

What I wish to secure by Letters Patent, and claim, is—

The improved clothes-airer, as herein shown and described, consisting of the frame a , brackets $b\ b'$, standard c , with its hinges $d\ d'$,

and side pieces $e\ e\ f\ f$, the bars $g\ g\ g\ G$, projections $g'\ g'\ g'\ G'$, and the diagonal supports $g''\ g''\ g''\ G''$, substantially as and for the purpose set forth.

In testimony that I claim the foregoing as my own invention I have affixed my signature in presence of two witnesses.

AUSTIN S. PARKS.

Witnesses:

FRANK B. SPALTER,
JONAS DAMON.