

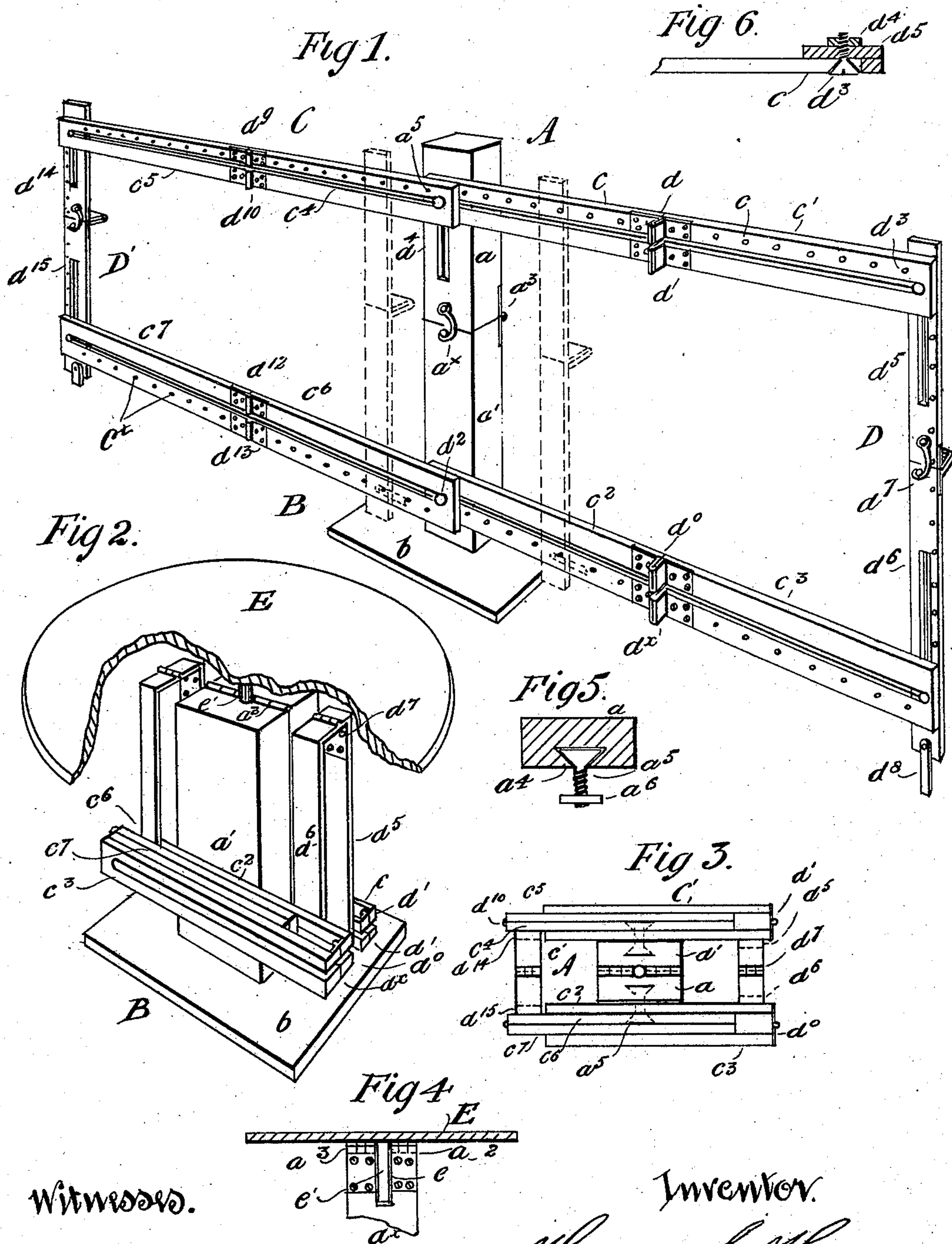
(No Model.)

H. HEY.

FOLDING CURTAIN DRYING FRAME AND PEDESTAL.

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Witnessed.

S. L. C. Hanson

[Signature]

Inventor.

Hannah Hey

By *[Signature]*
Attorney

UNITED STATES PATENT OFFICE.

HANNAH HEY, OF KANSAS CITY, MISSOURI.

FOLDING CURTAIN-DRYING FRAME AND PEDESTAL.

SPECIFICATION forming part of Letters Patent No. 576,981, dated February 9, 1897.

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To all whom it may concern:

Be it known that I, HANNAH HEY, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a certain new and Improved Folding Curtain-Drying Frame and Pedestal; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others to make and use the same, reference being had to the accompanying drawings, forming a part of this specification.

The object of my invention is an upright extensible frame for the support and convenient attachment thereto of fabrics for drying purposes, and which may be folded when not in use conjointly with a folding pedestal.

My invention consists in the novel construction and combination of parts, such as will first be fully described, and specifically pointed out in the claims.

Referring to the drawings, Figure 1 is a view in perspective of the improved curtain-supporting frame connected with the pedestal and with the separate parts extended and in position for use. Fig. 2 is a perspective view showing the separate parts of the frame adjusted in the direction of and folded in position in proximity to the pedestal and within the circumference of its base, also showing the circular table removably secured to the pedestal. Fig. 3 is a plan view of the folded frame and pedestal, as seen in Fig. 2, with the table removed, showing the opening in the pedestal for a pin on the under side of the table; Fig. 4, a sectional view of the table, showing its connecting-pin, and also a rear side view of the upper portion of the pedestal receiving the pin. Fig. 5 is a sectional view of the upper hinged portion of the pedestal, showing the adjusting-bolt within the V-shaped groove. Fig. 6 is a detail view in section of a portion of the standard and horizontal bar, showing the adjusting nut and bolt.

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

Referring to the drawings, A represents the pedestal, which, as shown in the drawings, consists of a rectangular-shaped post of equal dimensions between opposite ends and extending in height a distance twice that described by the ordinary corner-supports or

legs to a table. At a point equidistant from the ends the pedestal A is separated transversely into two parts $a a'$, and hinged together upon the rear side by separate hinges $a^2 a^3$, the hook and staple a^x on the front side keeping the pedestal in position. The lower end of the part a' of the pedestal is connected rigidly with the upper surface b , a base B, which, as shown, consists of a flat plank, extending in opposite directions a sufficient distance to give the requisite support to the pedestal.

To the front side of the pedestal A is connected the adjustable folding frame C, which is constructed as follows:

In the front side of the upper part a of the pedestal A, the parts being in position as in Fig. 1, is a V-shaped groove a^4 , which extends in the direction of the pedestal. In said groove is arranged adjustably the head of a screw-bolt a^5 , to which is fitted the nut a^6 . To the bolt a^5 is attached one end of a longitudinally-slotted flat bar, which extends horizontally the described length in one direction laterally from the pedestal, and is separated transversely at a point nearly equidistant from the ends into two parts $c c'$, and the parts hinged together by the extension leaf-hinges $d d'$ on the front side of the said bars, one hinge being connected with the portions of the bar upon one side of the longitudinal slot and the other hinge with the portions of the bar on the other side of said slot, the joint of the said hinges being extended forward from the front side of the said bar at a distance slightly greater than that described by two of said bars placed flatwise one upon the other.

In the front side of the portion a' of the pedestal A, a short distance above the base B, is inserted a screw-bolt d^2 , to which is adjustably attached one end of the longitudinally-slotted folding bars $c^2 c^3$, which are constructed and hinged together by the hinges $d^0 d^x$ precisely in the same manner as the bars $c c'$, and extend in the same direction from the pedestal A.

To the outer end and rear side portion of the bar c' is connected flatwise the upper end portion of a standard or bar D, by means of the adjusting-bolt d^3 and nut d^4 , the bolt passing through the slots in the opposite bars.

The standard D is the same thickness as bar c' and is separated in two parts $d^5 d^6$ upon a line horizontal with the line of separation of the parts $a a'$ of pedestal A, and said parts
 5 hinged together by means of an extension leaf-hinge d^7 on the back or rear side of said standard, the joint of which hinge extends rearwardly from the standard a distance corresponding to that described by the hinge a^3
 10 on the pedestal A from the front side of said pedestal. The separate parts of the standard D are longitudinally slotted to a point a short distance from the hinge d^7 .

The lower end portion of standard D extends downwardly to a point in line horizontally with the upper surface b of base B, and is secured adjustably to the rear side of the bar c^3 by an adjusting bolt and nut, which is the same as bolt d^3 . To the rear side and
 20 lower end of the standard D is pivotally attached one end of a short foot-plate d^8 , the other end of which extends to the floor.

To the screw-bolt a^5 , outside of the bar c , is attached a longitudinally-slotted bar of the
 25 same described length as the hinged bars $c c'$, and which extends in an opposite direction to said bars $c c'$, and is separated transversely at a point equidistant from the ends into separate parts $c^4 c^5$, the said parts being hinged
 30 together by ordinary leaf-hinges $d^9 d^{10}$, secured to the abutting ends of the separate parts of the bar, and one of said hinges d^9 being above the slot and the other below the slot in said bar. To the screw-bolt d^2 , overlapping the
 35 end of bar c^2 , is connected one end of a longitudinally-slotted bar, which extends in the opposite direction to the bar c^2 and is separated into two parts $c^6 c^7$, which are the same in length as the respective bars $c^4 c^5$, and
 40 hinged together by the hinges $d^{12} d^{13}$ in precisely the same manner as the bars $c^4 c^5$.

To the rear side and at the ends of the respective bars $c^5 c^7$ is adjustably connected a slotted standard D' , which is separable in
 45 two parts $d^{14} d^{15}$ and hinged together in precisely the same manner as the standard D. In the bars composing the frame are perforations c^x at suitable distance apart for the attachment of fabrics for drying, &c., particularly lace curtains, for which my improved
 50 frame is especially applicable.

In employing the frame C for the uses above referred to the curtains in a damp condition are first connected with the bars $c c' c^4 c^5$, and
 55 for this purpose the adjusting-nuts upon the bolts connecting said bars with the pedestal and standard are loosened and the bars lowered in position. The longer side of the curtain is then secured in any well-known manner lengthwise to the said bars $c c' c^4 c^5$. When
 60 this is accomplished, the other side of the curtain is secured to the bars $c^2 c^3 c^6 c^7$ and the upper bars raised in position, stretching the curtain to the full extent. The bars are then
 65 secured in position by tightening the bolts. For the purpose of stretching the curtains lengthwise the same adjustment is made of

the standards D D' as described of the bars $c c' c^4 c^5$, the curtain being first secured to one or the other standard. For the drying
 70 of fabrics of all kinds the frame may be adjusted to certain widths of the cloth, such as calicoes and cloths printed in narrow widths and short lengths, the standards being adjustable, so as to accommodate articles which re-
 75 quire stretching while drying of small dimensions. In this manner shrinkage is prevented which otherwise occurs in certain kinds of goods or fabrics.

For the purpose of folding the separate
 80 parts of the frame and the pedestal when the frame is not in use the adjusting-nuts are loosened, connecting the standards D D' with the respective horizontal upper and lower bars $c' c^3 c^5 c^7$. The standard D is moved in
 85 position to a point a short distance from the pedestal A, as seen in dotted lines in Fig. 1, the adjusting-bolts passing between the hinges $d d' d^0 d^x$. The plate d^8 is raised a short distance and the lower end of the stand-
 90 ard rests upon the upper surface b of base B. The standard D is also moved in the direction of the pedestal to a position the like distance from the pedestal as described of standard D. The overlapping upper bars $c c^4$ are
 95 moved so as to bring the ends of the separate bars at nearly equal distances from the bolt a^5 , and the bars $c^2 c^6$ likewise from bolt d^2 . The bar c^5 is moved rearwardly and folded upon bar c^4 and the bar c^7 moved in the same
 100 direction and folded upon the bar c^6 . The bar c' is then moved forward and folded upon the bar c^5 and the bar c^3 moved in the same direction and folded upon the bar c^7 . The
 105 hook a^x is released from its staple on the part a' of the pedestal and the folded parts of the frame and the hinged portion a of the pedestal moved upon the hinged connections
 110 $a^3 a^2$ rearwardly, the part a of the pedestal folding upon the part a' , and the adjustable and hinged bars brought into the position as seen in Fig. 2, compact and within the circumference of the base B.

To further utilize the pedestal, a vertical perforation or groove e is made in the oppos-
 115 ing surfaces of the folded upper parts $a a'$ of the pedestal between hinges $a^2 a^3$. A table E is provided with a pin e' upon its under side and fitted within the groove or perforation e in the pedestal, whereby an article of
 120 furniture is afforded upon which the fabrics may be ironed.

Instead of a flat base B, I may provide the pedestal with legs, and thus do away with a
 125 foot-plate d^8 upon the lower end of the standards D D', the standards then being made long enough to reach the floor and extending when in a folded position between the legs of the pedestal. The bars composing the frame are made of equal thickness and, as
 130 shown, from light material, such as wood. The pedestal may be made from metal and of the same thickness as the horizontal bars, in which case the extension leaf-hinge would

not be required to extend as far rearwardly to compensate for the thickness of the pedestal when in a folded position. I may employ the frame separate from the pedestal when
5 required.

Having fully described my invention, what I now claim as new, and desire to secure by Letters Patent, is—

1. A folding drying-frame for fabrics, its
10 sides being composed of longitudinally-slotted bars, each bar having separate overlapping, adjustable folding parts and extension-hinges connecting said folding parts at one end of said frame, and the ends of said frame
15 composed of longitudinally-slotted standards, each standard having separate folding parts and extension-hinges connecting each part as and for the purpose described.

2. A folding drying-frame for fabrics, its
20 sides being composed of longitudinally-slotted bars, each bar having separate overlapping, adjustable and folding parts and extension-hinges connecting said folding parts at one end of said frame, and the ends of said
25 frame composed of standards, each standard having separate folding parts and extension-hinges connecting each part, and a pedestal connected with the said frame having separate folding parts hinged together upon a line
30 horizontal with the hinged joint of the said standards as and for the purpose described.

3. A folding drying-frame for fabrics, its
sides being composed of longitudinally-slotted bars, each bar having separate overlapping,
35 adjustable and hinged folding parts,

and extension-hinges connected with said folding parts at one end of said frame, and the ends of said frame composed of standards, each standard having separate folding parts and extension-hinges connecting each part,
40 a pedestal connected with the adjustable bars of said frame, having separate folding parts hinged together upon a line horizontal with the hinged joint of the said standards, upon the rear side and a fastening device upon the
45 front side, and means for adjusting the said bars upon the pedestal as and for the purpose described.

4. The combined drying-frame and pedestal, said frame being composed of longitudinally-slotted bars, each bar having separate overlapping, adjustable and hinged parts, and extension-hinges connecting one of said parts at one end of said frame, and the ends of said
50 frame composed of standards, each standard having separate folding parts and extension-hinges connecting each part, and adjusting nuts and bolts connecting said standards and said bars, said pedestal having separate folding parts hinged together upon a horizontal
55 line with the joints of the hinges in said standards, and provided with a vertical groove upon its front side, adjusting bolts and nuts in said groove connected with the adjustable parts of said bars, and a base for said pedestal as and
60 for the purpose described.

HANNAH HEY.

Witnesses:

J. F. BURKHART,
A. L. GREER.