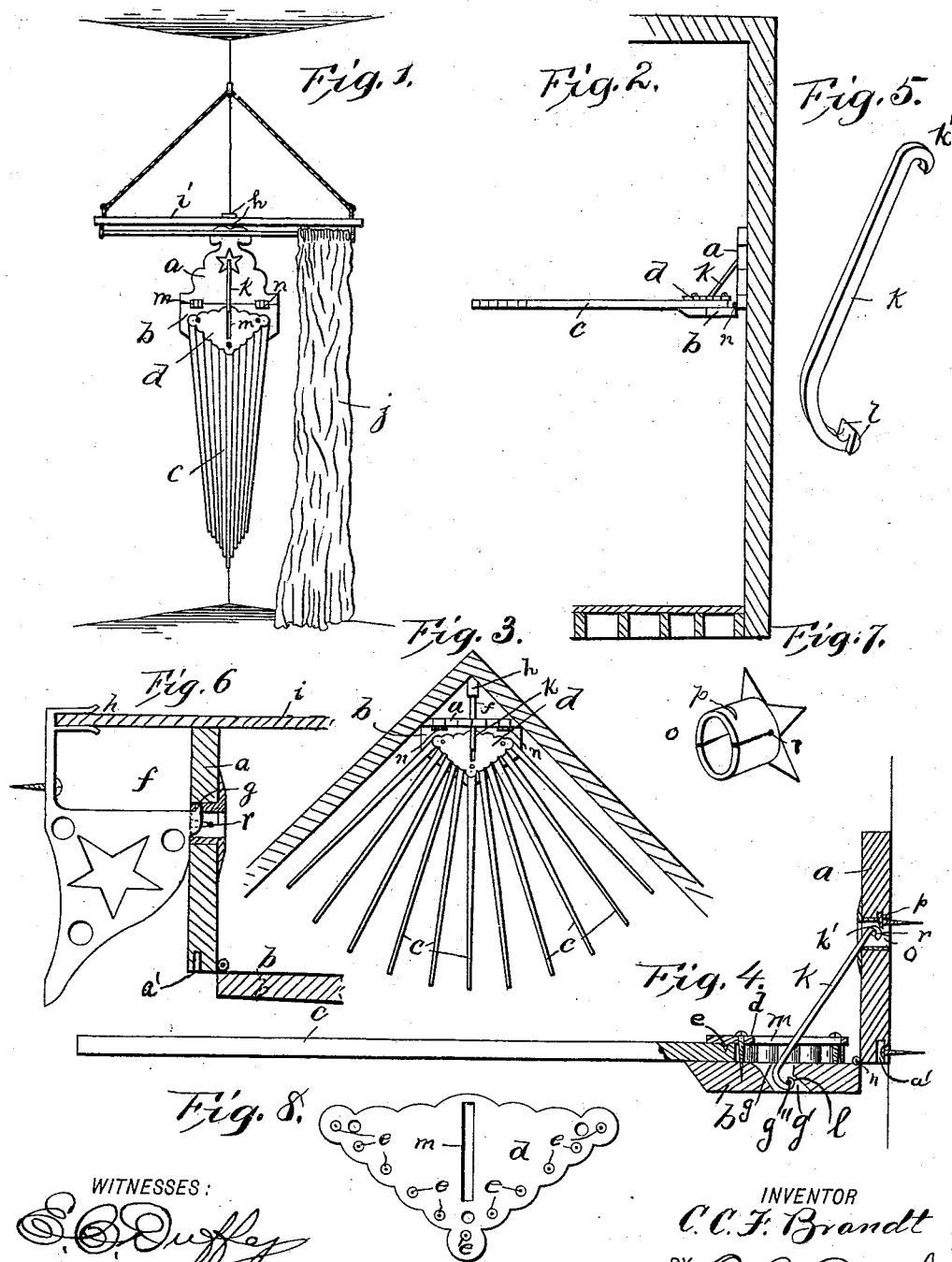


(No Model.)

C. C. F. BRANDT.  
CLOTHES DRIER.

No. 490,943.

Patented Jan. 31, 1893.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

CHRISTOPHER C. F. BRANDT, OF MUSCATINE, IOWA.

## CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 490,943, dated January 31, 1893.

Application filed March 23, 1892. Serial No. 426,114. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTOPHER C. F. BRANDT, of Muscatine, in the county of Muscatine and State of Iowa, have invented certain new and useful Improvements in Clothes-Driers; and I do hereby declare that the following is a full, clear, and exact description of the invention, 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 the letters of reference marked thereon, which form part of this specification.

This invention relates to certain new and useful improvements in clothes driers. The object of which is to provide a drier, simple, cheap and durable, of construction easily manipulated, and repaired should parts become unadjusted or broken.

The invention consists in certain novel features of construction and in combinations of parts more fully described hereinafter and particularly pointed out in the claims.

Referring to the accompanying drawings;—  
25 Figure 1 is a front elevation of the drier in a folded position supported in a corner of a room, showing a shelf supported above the drier, and a curtain pushed to one side. Fig. 2 is an elevation showing the drier held up in  
30 elevated operative position, and supported by a screw, projection or the like from a wall shown in section (not in a corner). Fig. 3 is a top plan view showing the drier expanded in operative position and supported  
35 in a corner by the corner bracket the wall being shown in section. Fig. 4 is a vertical sectional view showing the drier enlarged and in its raised operative position, illustrating the means for upholding the drier in operative  
40 position and the manner of securing the same directly against a flat surface or wall. Fig. 5 is a detail perspective view of the supporting hook or link that holds the hinged leaf of the drier and the finger or arms in a  
45 horizontal position. Fig. 6 is a detail elevation of the corner bracket for supporting the shelf and drier showing a portion of the shelf in section, and also showing the wall piece and a portion of the leaf in section. Fig. 7  
50 is a detail perspective view of the tube secured in the back or wall piece of the drier and in which the supporting hook is piv-

oted. Fig. 8 is a plan view of the inner side of the plate securing the supporting arms or fingers of the drier.

In the drawings the reference letter *a*, indicates the back or wall piece of the drier having the hinged leaf *b*, at its upper edge hinged at *n*, to the lower edge of said back to swing vertically. *c* indicates the pivoted supporting arms carried by the leaf. This back is provided with suitable means for attaching a support, such as a metal tube *O*, secured in a transverse opening in the back and formed at its front end with a suitable ornamentation such as a star. This tube is longitudinally split from its rear end so that it can be expanded and secured in the back. The tube is also provided with an interior cross bar *r*, preferably secured by having its ends placed in said split. The upper side of the tube between its ends is provided with a notch or opening *p*, as shown. The lower edge of the back can be provided with a slot and recess *a'* to receive a supporting screw as shown in Fig. 4.

When it is desired to support the drier directly against the wall, not in a corner, two screws or the like are secured in the wall as shown in Fig. 4, and the back is placed against the wall so that the screws will respectively extend into the tube *o*, and slot *a'* and the head of the upper screw will project into the notch *p* in said tube and thereby removably hold the drier to the wall as shown.

To support the drier in a corner a vertical bracket *f*, is provided, suitably and rigidly secured in the corner and projecting outwardly therefrom and at its outer extremity is provided with a hook *g*, at the outer end of the upper edge arranged to project into the inner end of the tube *o* and enter the notch *p*, and thereby removably uphold the drier with the edges of the back resting against the wall on opposite sides of the corner. If desired this bracket can be provided with suitable means for supporting a horizontal corner shelf *i*. This means preferably consists of a pair of parallel fingers *h*, extending out from the upper end of the bracket above the hook *g*, and between which the inner edge of the shelf rests while the outer edge of the shelf is upheld by any suitable support such as connections to a hook or eye in the wall

above the corner bracket. This shelf can be provided with a curtain *j* supported in a suitable manner, so as to conceal the rack or drier when folded and lowered. This curtain can also be employed to cover the clothes on the rack when the same is held in operative adjustment and position.

It should be noted that the rack can be used either on the wall or in a corner on the corner bracket, as the tube *o*, is so constructed as to be capable of holding the rack to either support.

The leaf and pivoted arms are held in a horizontal position or allowed to drop by means of the swinging link or hook *k*, at its upper end loosely confined on the cross bar *r*, so that its free end can swing vertically. The lower end of this link extends down through an elongated slot *m* in the plate *d*. Beneath said slot the link or hook *k*, is provided with an inwardly facing hook *l*, which slides in the space between the plate *d* and leaf *b* and is laterally enlarged to prevent swinging out through slot *m*. The leaf *b* below and near the front end of the slot *m* is provided with a transverse opening *g'* containing a shoulder or cross bar *g*. The arrangement of slots *m* and *g'* and link *k* is such that when the leaf and supporting arms are folded and lowered as shown in Fig. 1 the link *k*, will assume a substantially vertical position with hook *l* at the upper ends of the space between the leaf *b* and plate *d*, and slot *m*.

When the leaf *b*, is raised the link *k* is swung out, the hook *l* sliding outwardly through slot *m* and between plate *d* and the leaf until it reaches the opening or slot *g'* when it automatically drops into the same and engages the cross bar therein and holds the leaf and supporting arms thereof elevated in the horizontal position. To lower the leaf the hook *k* should be disengaged from the cross bar and the leaf allowed to drop of its own weight. The link *k* assists in supporting the leaf and arms whether the leaf be raised or dropped for when raised the link upholds the leaf from cross bar *g* and when dropped the plate *d* rests on the hook *l* of the link at the upper end of slot *m*.

The arms *c*, have depressions in the upper sides of their inner ends, and the plate *d* has projections *e*, which fit into said depressions and form the pivot on which said arms swing. By raising the plate any arm can be easily removed or fitted in place.

The supporting arms can be easily replaced when broken, and the device is very strong and durable in construction and simple and cheap.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent of the United States is;—

1. The corner bracket for supporting a clothes rack and a shelf, formed in one piece and at its upper end provided with the two horizontal arms to receive the shelf edge between them, and said bracket below said arms extending outwardly and provided with the upwardly projecting hook to support the rack, substantially as described.

2. In combination, the back, the leaf hinged thereto and carrying the arms, the plate secured on the leaf and provided with an elongated slot, the leaf having an opening beneath said slot containing a catch, and the link at its upper end pivoted to the back and at its lower end extending through said slot and provided with a hook beneath said slot to engage said catch and detachably uphold the leaf, substantially as described.

3. In a clothes rack, the back, the leaf hinged thereto to swing vertically, the pivoted arms, the plate secured on said leaf and confining the arms thereon, an elongated slot in said plate, the leaf provided with an opening beneath the front end of said slot containing a cross bar, and the link pivoted to said back and extending through said slot and provided with an enlarged hook beneath said slot arranged to engage said cross bar in the manner and for the purposes set forth.

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

CHRISTOPHER C. F. BRANDT.

Witnesses:

GEORGE W. KECKLE,  
T. B. PROSSER.