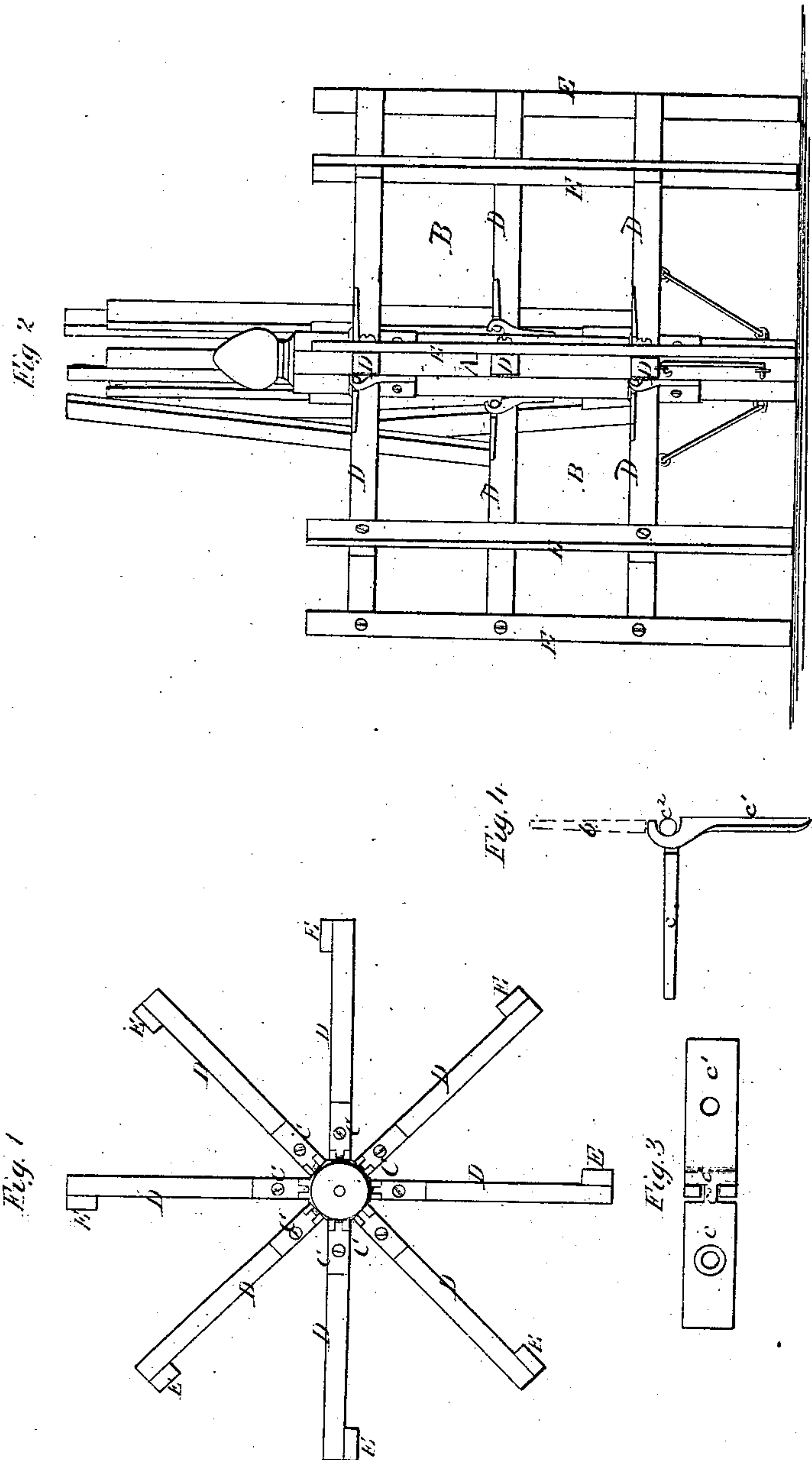


*D. Witt,*  
*Clothes Drier,*

*N<sup>o</sup> 85,499.*

*Patented Dec. 29, 1868.*



*Witnesses:*  
*Chas D. Smith*  
*A. S. Pratt*

*Inventor:*  
*Daniel Witt*  
*by [Signature]*



DANIEL WITT, OF HUBBARDSTON, MASSACHUSETTS.

*Letters Patent No. 85,499, dated December 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, DANIEL WITT, of Hubbardston, in the county of Worcester, and State of Massachusetts, have invented a new and useful Improvement in Clothes-Driers; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a top view of a clothes-drier, embodying my invention, and showing all the racks turned out for use.

Figure 2 is a side elevation, showing some of the racks folded, and others in a turned-out position.

Figures 3 and 4 are detached views of the hinge, to be hereinafter referred to.

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

The subject of this invention is making the arms of a clothes-drier removable and adjustable by means of a novel connection, to be hereinafter described.

In order that others skilled in the art to which my invention appertains, may be enabled to fully understand and use the same, I will proceed to describe its construction and operation, with reference to the accompanying drawings.

A is the main stand or post, of polygonal form in transverse section.

A rack, B, is attached to each side of the stand A by means of hinges C.

Each of these racks consists of bars D, hinged to the stand A, and to the connecting-bars E at their respective ends.

The main stand or post A constitutes a firm support or abutment for the inner ends of the bars D, when the latter are in horizontal position for use.

The hinges C are so constructed and applied, (as shown in figs. 1 and 2,) that the bars D may be folded up against the stand A, without leaving any unseemly intermediate space. Each hinge C is constructed in the manner clearly shown in figs. 3 and 4.

The leaf *c* of each hinge is formed with a pintle, *c'*,

which is joined to the body of the leaf *c* by the neck *c'*, while the leaf *c'* of the same hinge has formed upon its end an open socket or seat to receive said pintle. An opening extends from the end of the leaf *c'*, across the seat, for the pintle *c'*, and said opening accommodates the neck *c'*, and permits the two parts of the hinge to change position in relation to each other.

The inner end of each bar D is formed so as to correspond with the convexity of the end of the leaf *c'*, against which it rests, as shown in fig. 2, said leaves being screwed to the stand A.

Each leaf *c* is screwed to that side of one of the bars D which is uppermost when said bar is in a horizontal position, and the two leaves, constituting a hinge, engage each other in the manner clearly indicated in figs. 2 and 4.

As the leaf *c* is let into the bar D, so as to be flush with the surface, it is apparent that, when said bar is folded in against the stand A, the hinge will be extended or opened out to its full length, and occupy an upright position, without preventing the bar D from folding snugly against the stand.

*h h* are stay-hooks, for retaining the racks in proper position when in use. The rack, as a whole, is simple, cheap, stable, and durable, and it may, with great facility, be brought into requisition, stowed away, or packed for transportation.

I am well aware that the standard, hinged arms, and stay-hooks, are old, and I disclaim them; but

What I do claim, is—

In a clothes-drier, constructed, as above described, making the arms adjustable and removable, by means of the connecting-devices C, arranged upon the drier, as and for the purpose described.

To the above I have signed my name, this 12th day of August.

DANIEL WITT.

Witnesses:

JOHN A. WIEDERSHEIM,  
A. H. CHURCH.