

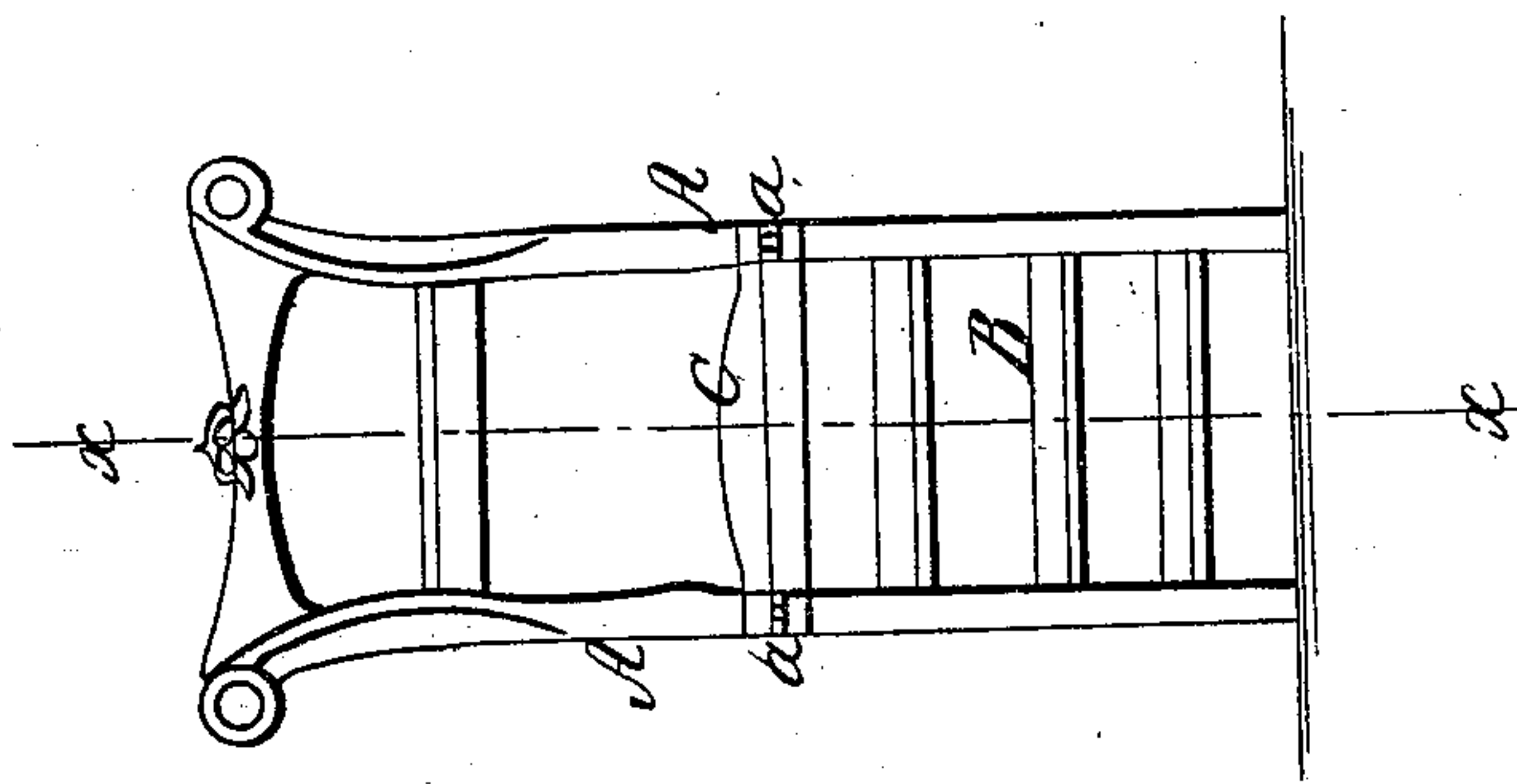
*A. Madison.*

*Step Ladder Chair.*

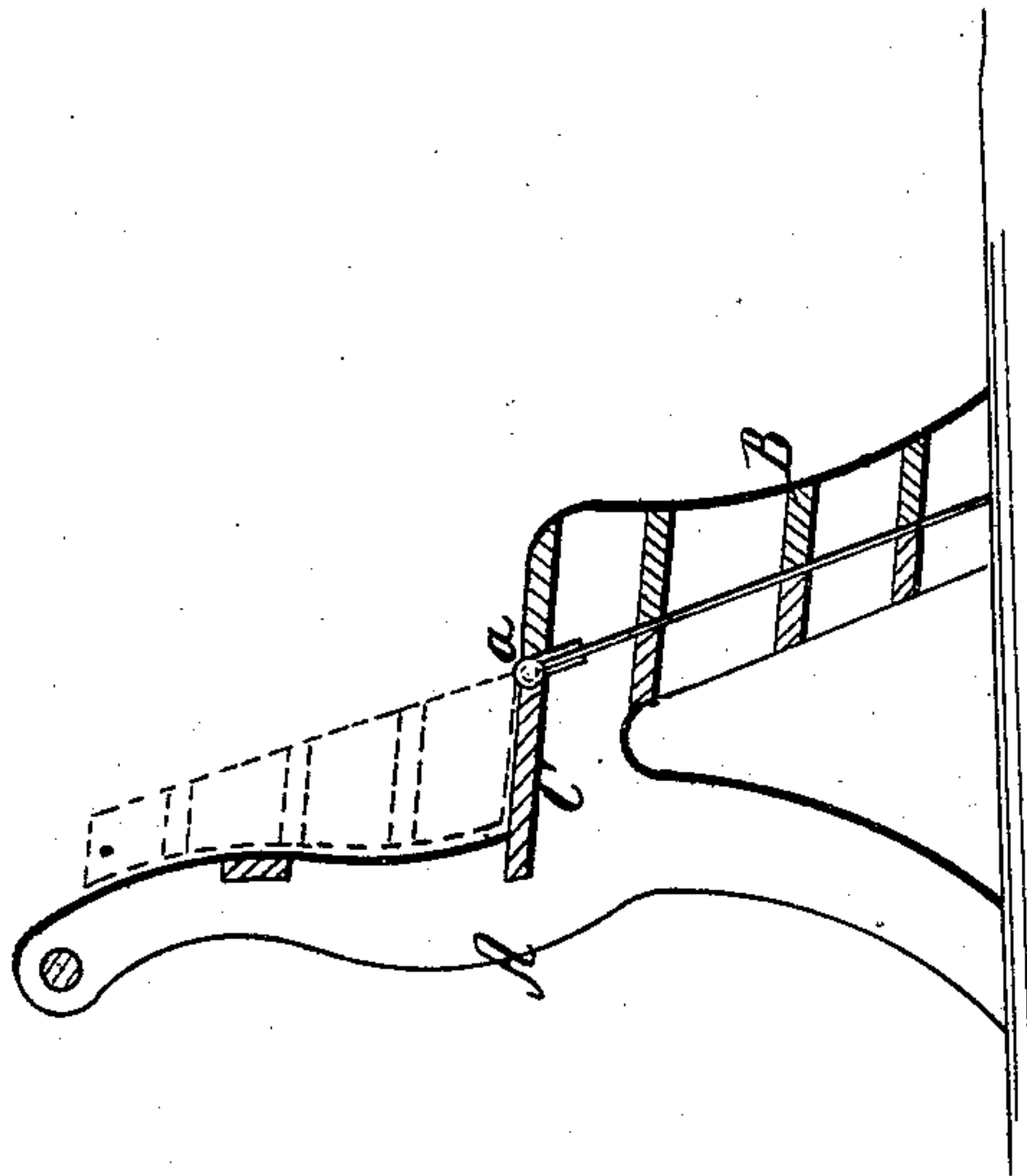
*N<sup>o</sup> 85,835.*

*Patented Jan. 12, 1869.*

*Fig. 2.*



*Fig. 1.*



*Witnesses;*  
*Wm. A. Morgan*  
*John F. Brooks*

*Inventor;*  
*Andrew Madison*  
*per Wm. A. Morgan*  
*Attorney*

# United States Patent Office.

ANDREW MADSON, OF PATERSON, NEW JERSEY.

*Letters Patent No. 85,835, dated January 12, 1869.*

## IMPROVED CHAIR AND STEP-LADDER.

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, ANDREW MADSON, of Paterson, in the county of Passaic, and State of New Jersey, have invented a new and improved Chair and Step-Ladder; 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 chairs, whereby the same are convertible at pleasure into either a chair or a step-ladder.

It consists of a short step-ladder, hinged to the seat of a chair, which is made narrow for that purpose, in such a way that the top of the ladder becomes a part of the seat, and, by folding the step-ladder up against the back of the chair, a neat, light, and convenient step-ladder is formed.

In the accompanying plate of drawings—

Figure 1 is a central vertical sectional view of my invention, taken in the line *x x*, fig. 2, the position of the ladder when folded back being shown in red.

Figure 2 is a front view of the same, when the ladder is folded down so as to be used for a chair.

Similar letters of reference indicate corresponding parts.

A is the chair.

B is the step-ladder.

C is the chair-seat.

*a* are hinges, by means of which the ladder B is hinged to the seat C.

The chair A is constructed of the same materials as

chairs now commonly in use, the seat C of the same being made narrower, the top of the step-ladder B forming also a part of the seat when down, as shown in the drawing, and the front legs of the chair being so shaped, as shown in the drawing, as that the back of the step-ladder B will rest fairly against the same.

The step-ladder B is made of like material, and in the same way as step-ladders now in common use, and is in height the same as the height of the chair-seat C, and is hinged to the seat C by the hinges *a*, and so as that said ladder may be folded upwards and backwards against the back of the chair A.

Upon and between the front legs of the chair A is any convenient number of steps, similar to those of the step-ladder B, so as, when the ladder is folded against the back of the chair A, to form a step-ladder equal in height to the height of the back of the chair.

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

Constructed as above described, it constitutes a neat and convenient chair and step-ladder combined, which is convertible at pleasure into either a chair or a step-ladder.

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

The arrangement of the hinged step-ladder B with the seat C, and the back, as herein described, for the purpose specified.

ANDREW MADSON.

Witnesses:

BENJAMIN GEROE,  
FRANK GEROE.