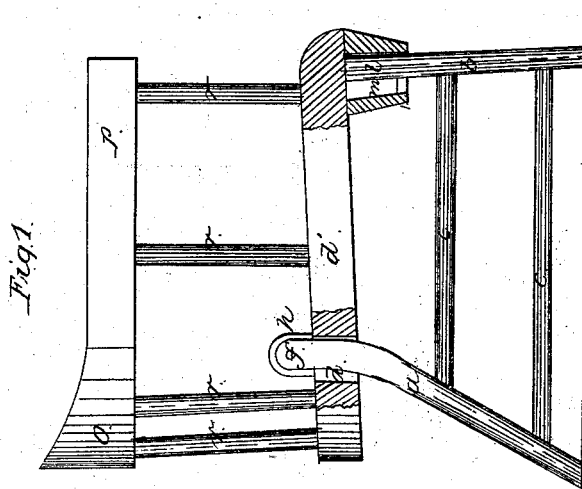
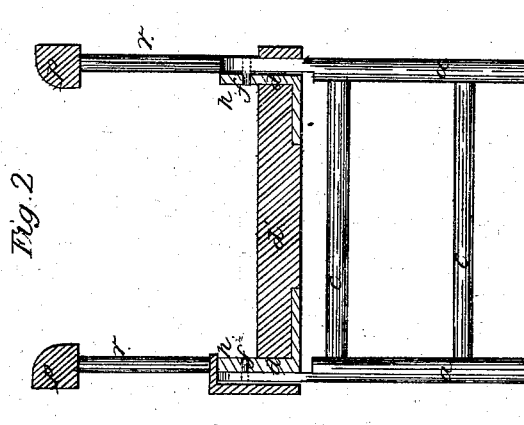
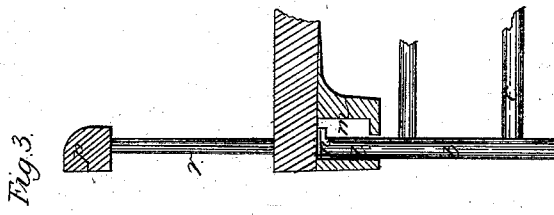


*J. Habermehl,*

*Tilting Chair.*

*N<sup>o</sup> 48,272.*

*Patented June 20, 1865.*



*Witnesses:*

*Theo. Busch*  
*Wm. Green*

*Inventor:*

*J. Habermehl*  
*By Munn & Atty*

# UNITED STATES PATENT OFFICE.

JOHN HABERMEHL, OF WHEELING, WEST VIRGINIA:

## IMPROVED CHAIR.

Specification forming part of Letters Patent No. 48,272, dated June 20, 1865.

*To all whom it may concern:*

Be it known that I, JOHN HABERMEHL, of Wheeling, in the county of Ohio and State of West Virginia, have invented new and useful Improvements in Chairs; 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 make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention consists in so attaching or hanging the seat portion of a chair to and upon its rear legs that, when desired by the person sitting in the same, it can be readily tipped or inclined in a backward direction by simply bearing against its back.

The object of my improvement is to provide a chair the seat of which can be adjusted, as it were, to suit the different whims or caprices of persons.

In the accompanying plate of drawings my improvements are represented, Figure 1 being a side view of a chair, showing the parts of its seat in which the front and rear legs are inserted in section; Fig. 2, a cross-section through the chair, showing the mode of hanging the rear legs to the seat; and Fig. 3, a detail view, to be hereinafter referred to.

*a a* in the drawings represent the rear legs, and *b b* the front legs, of a chair, having a series of rods, *c c*, passing across from one to the other, for stiffening and strengthening the same, the rear legs extending up through apertures *d d* in the bottom *d'* of the seat, and are hung at their upper ends upon pivots *f f* of fixed standards *h h* of the seat. The upper ends, *l l*, of the front legs, *b b*, are placed loosely in sockets *m m* in the under side of the seat-bottom *d*, and each has a projecting piece, *n*, as seen in Fig. 3.

*o* is the back, and *p* the arms, of the chair, made in one piece, and attached to the seat by a series of upright rods, *r r*, of any desired number and size.

By hanging the seat of the chair to and upon its rear legs, in connection with loosely inserting the front legs in the seat, as described,

if desired by the person sitting in the chair to tip or incline its seat, it can easily be done by simply bearing against the back thereof, the projecting pieces *n n* on the front legs preventing them from being disengaged from the seat, and the inclination of the seat being limited by its coming to a bearing against the rear legs, as is evident without further description.

The great advantage of my improved chair resulting from hanging the seat in the manner described on its legs is that the seat can be tipped or inclined without tipping the whole chair, as has heretofore been the case, whereby the weight of the person was brought entirely upon the rear legs, which often caused their breakage, as well as thereby injuring the carpet or floor of the room in which the chair was placed.

It is evident my improvements can be applied to chairs made of various shapes and styles, also to sofas and other similar articles of furniture. Therefore I do not intend to limit myself to its application to the chair herein particularly described.

In lieu of passing the rear legs up through the seat of the chair, as described, they can be passed outside of the same and then hung upon the standards of the seat.

It may be remarked that in the construction of my improved chair it is best to hang the legs to the seat farther from or nearer to the same, according as its back is high or low.

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

The arrangement of the seat of a chair, sofa, &c., herein described, the same consisting in hanging it by standards on its upper side, to and upon its rear legs, in combination with so inserting the front legs within the seat that the seat can freely play up and down on the same and yet not be disengaged therefrom, substantially as and for the purposes specified.

JOHN HABERMEHL.

Witnesses:

Z. JACOB,  
G. L. CRANMER.