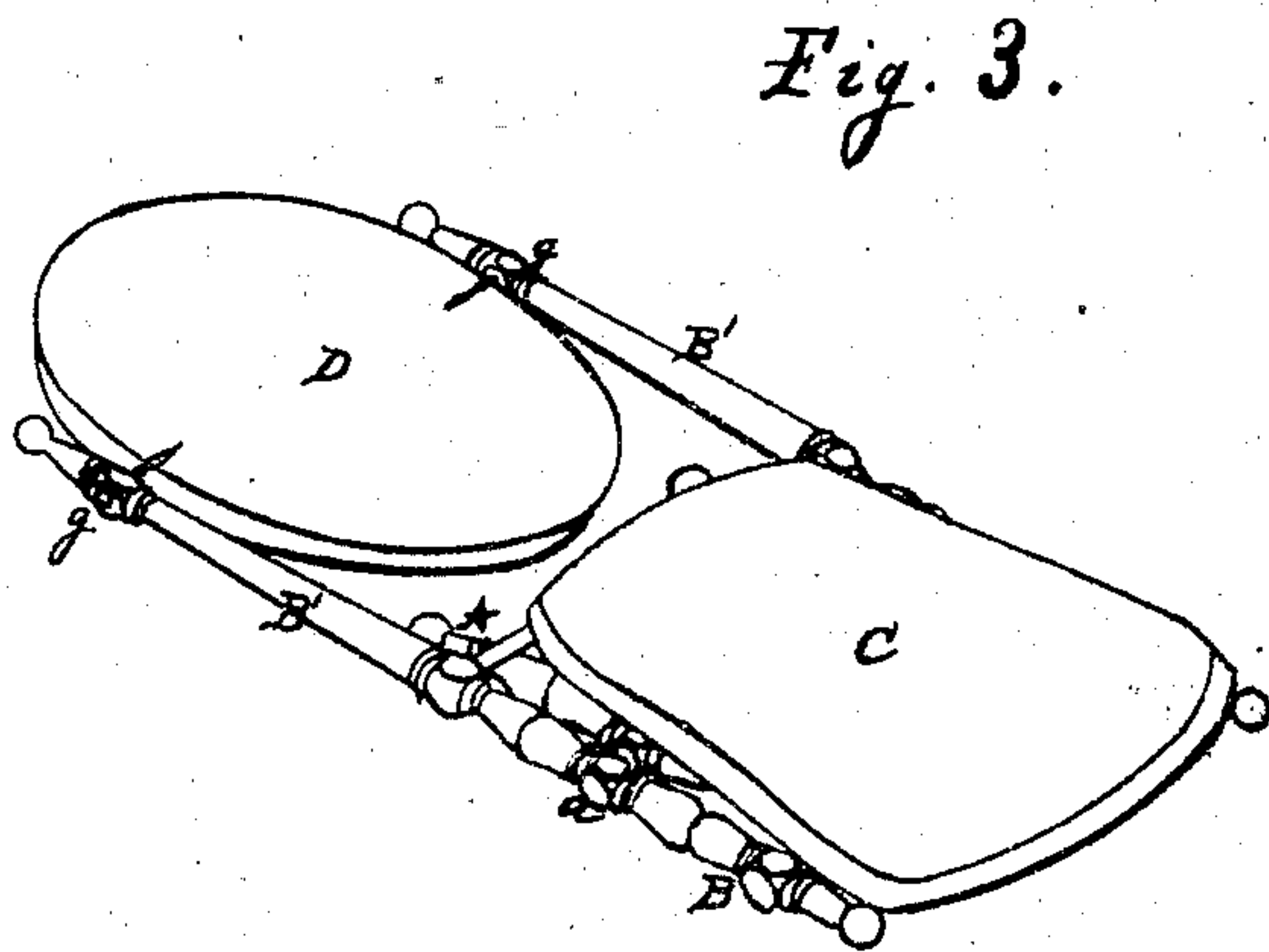
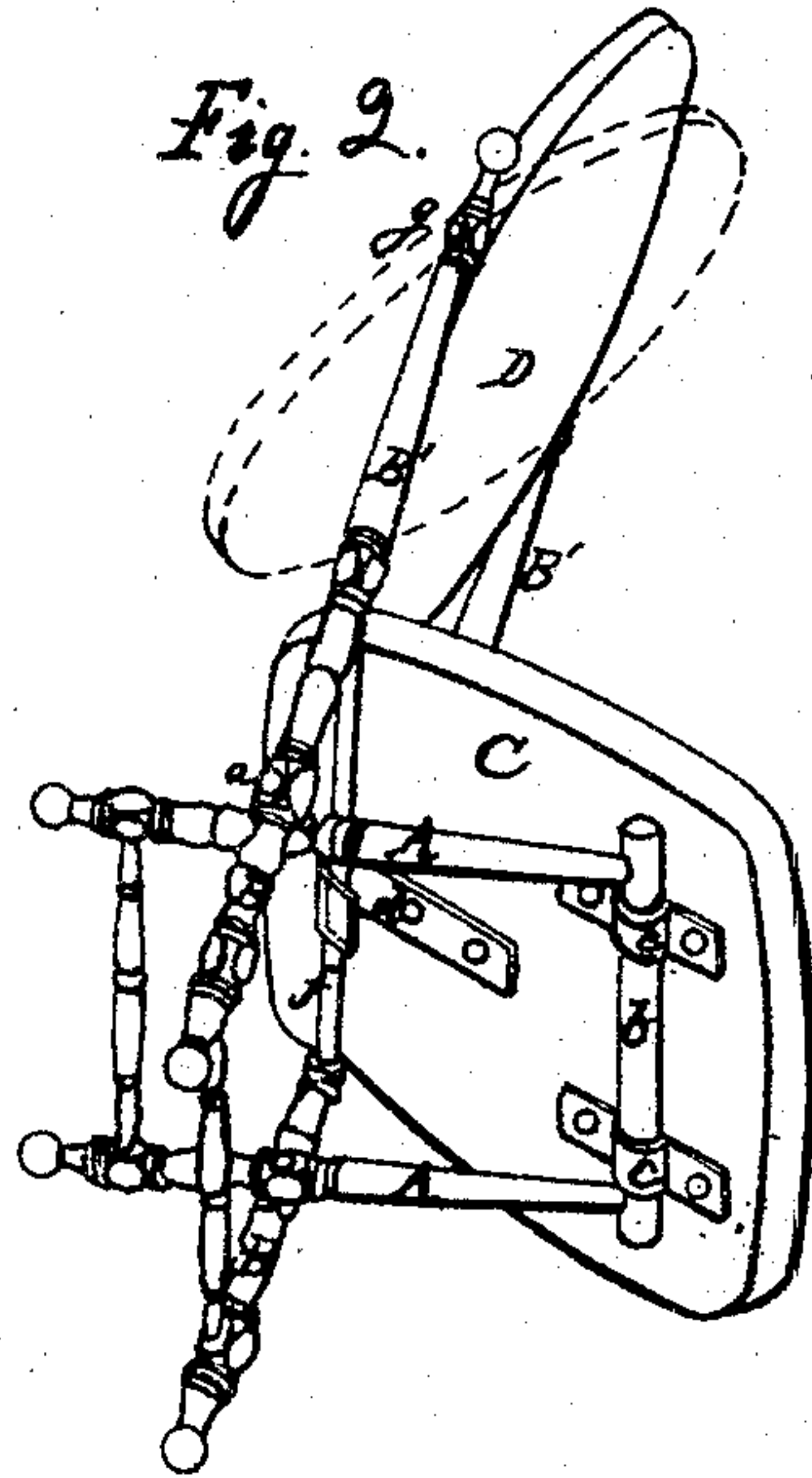
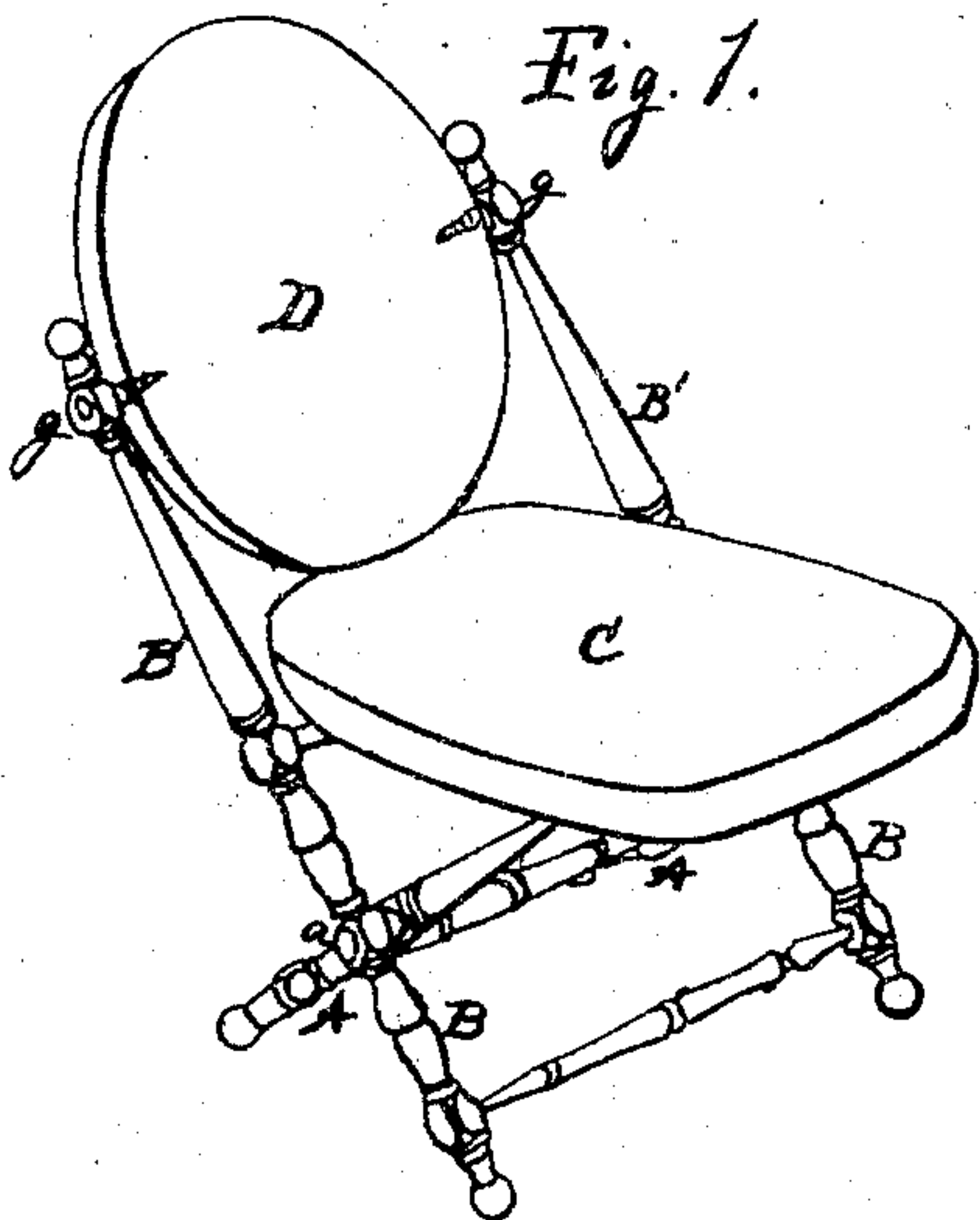


Golightly & Twitchell Chair

No. 74910

Patented Feb 25. 1868



Witnesses.

Wm. L. Bailey
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Inventors.

H. S. Golightly.

and

C. S. Twitchell.

by

A. B. R.

their attorney

United States Patent Office.

H. S. GOLIGHTLY AND C. S. TWITCHELL, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 74,910, dated February 25, 1868.

IMPROVED FOLDING CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that we, H. S. GOLIGHTLY and C. S. TWITCHELL, of New Haven, in the county of New Haven, and State of Connecticut, have invented certain new and useful Improvements in Folding Chairs; and we hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings.

Our invention relates to the arrangement of the back, and to the method of fastening the seat of a self-adjusting chair so as to conform to the position of the back of the person sitting in the chair; and secondly, to so combine the seat with the front and back legs, of which the chair is composed, that the whole may be folded up neatly and compactly when not in use.

To this end our invention consists of, first, a chair, in which the back is hung upon pivots, or in an equivalent manner, so that it may adjust itself to the back of the person occupying the chair, as hereinafter specified; second, in the combination with the back legs and seat, whether rigid or flexible, of a folding chair, of the front legs and a back pivoted or hung between the ends of the front legs, which extend above the seat, as hereinafter described.

To enable others to understand and use our invention, we will now proceed to describe the manner in which the same is or may be carried into effect, by reference to the accompanying drawings, in which—

Figure 1 represents a perspective view of our improved chair unfolded, and in an upright position, ready for use.

Figure 2 is a like view of the chair, unfolded, but tipped over on one side, so as to show the devices under the seat for fastening the same to the legs.

Figure 3 is a like view of the chair folded up.

A A are the back legs, and B B the front legs of the chair, hinged or pivoted together, as usual, at *a*, the legs B being exterior to the legs A. To the top round, *b*, of the latter, which constitutes the front round of the chair, is hinged the front part of the seat C, by means of straps, *c*, applied to the bottom seat, as shown in fig. 2. On the under side, and near the rear of the seat, is a hook or equivalent catch or fastening-device, *d*, which, when the chair is unfolded, is caught over a round, *f*, extending between the front legs B, at about the height required for the seat. The upper ends, B', of the front legs extend a suitable distance above the seat, so as to obtain the required height for the back, and between these ends or uprights B' the oval back D is hung on pivots *g*, upon which it is capable of swinging so as to adjust itself to the back of the person leaning against it, and it will be more or less tilted or inclined, according to the position assumed by the occupant of the chair. Confining attention to this position of the chair, it will be seen that the back, D, may be variously shaped, and arranged in many different ways, without departing from the principle of our invention. When the chair is folded, the back, D, is turned so as to lie between and in the plane of the two uprights B' B', and takes up little room. By referring to the construction of the seat and seat-fastenings with the legs, it will be seen that when the hook or other suitable fastening-device, on the rear and inside of the seat, is caught upon the round, *f*, it not only holds the seat in its proper relations to the legs, but maintains the latter in position, and prevents them from spreading, and, at the same time, supports the back. This is a simple and at the same time effective arrangement of the fastening-devices, and admits of the construction of the chair being simplified in many respects.

In order to fold up the chair, the hook is removed from the back round, and the back legs are then turned so as to bring their lower ends up against the said round. The seat, turning on its hinges, will now be brought up against the upper ends of the back legs, and will take the position shown in fig. 3, the whole chair being thus folded together neatly and compactly.

Having now described our invention, and the manner in which the same is or may be carried into effect, what we claim, and desire to secure by Letters Patent, is—

1. A cross-legged folding chair, in which the back is hung upon pivots, or in an equivalent manner, so that it may move or swing independently of the seat and frame, to adjust itself to the back of the person occupying the chair, substantially as herein shown and described.

2. The combination, with the back legs and the seat, whether rigid or flexible, of a folding chair, of the front legs and a back, pivoted or hung between the ends of said legs, which extend above the seat so as to swing or move independently of the seat and legs, substantially in the manner and for the purposes herein shown and specified.

In testimony whereof, we have signed our names to this specification before two subscribing witnesses.

H. S. GOLIGHTLY,
C. S. TWITCHELL.

Witnesses:

D. E. MERCHANT,
JOHN M. WHITNEY.