

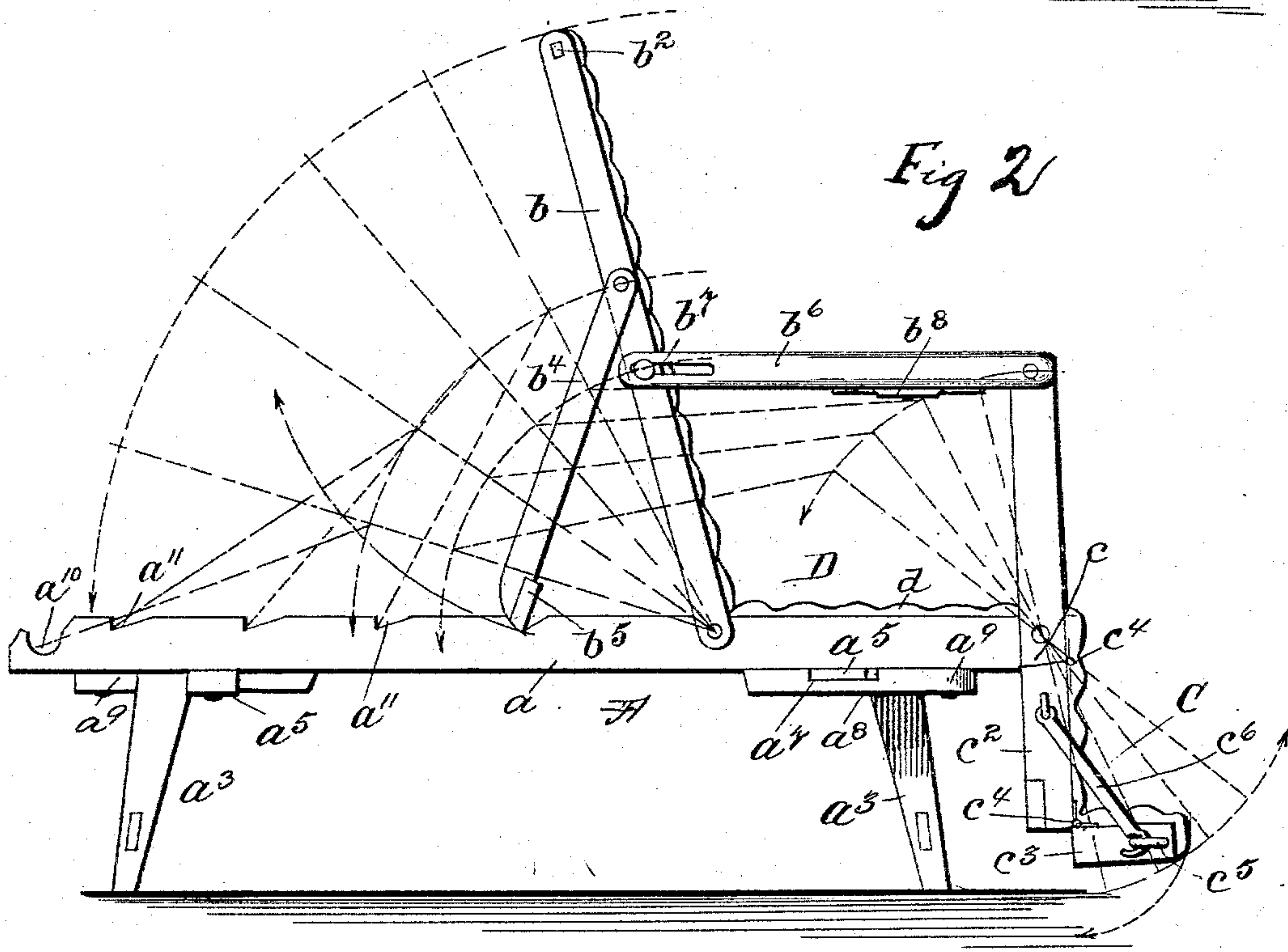
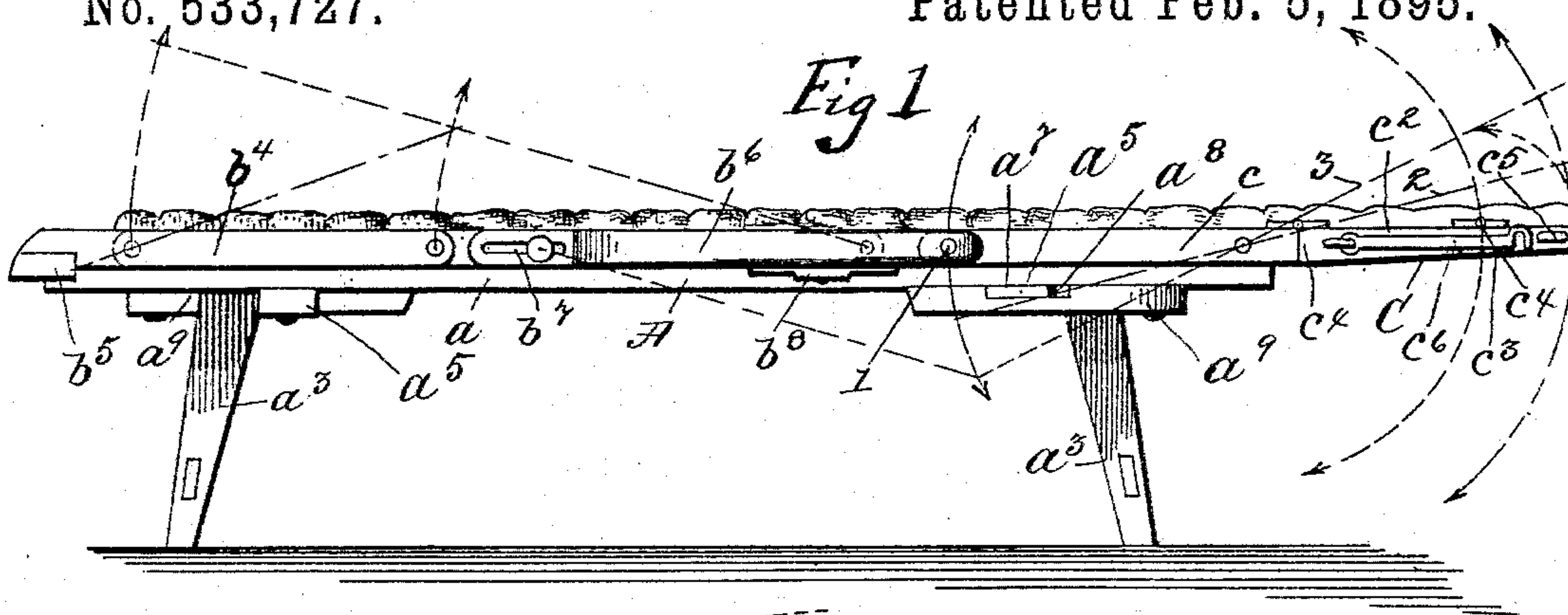
(No Model.)

2 Sheets—Sheet 1.

J. G. McCAFFREY.
CONVERTIBLE CHAIR.

No. 533,727.

Patented Feb. 5, 1895.



Witnesses
David W. Brooks
James E. Hummer

Joseph G. McCaffrey Inventor
By Orest A. Hoffman

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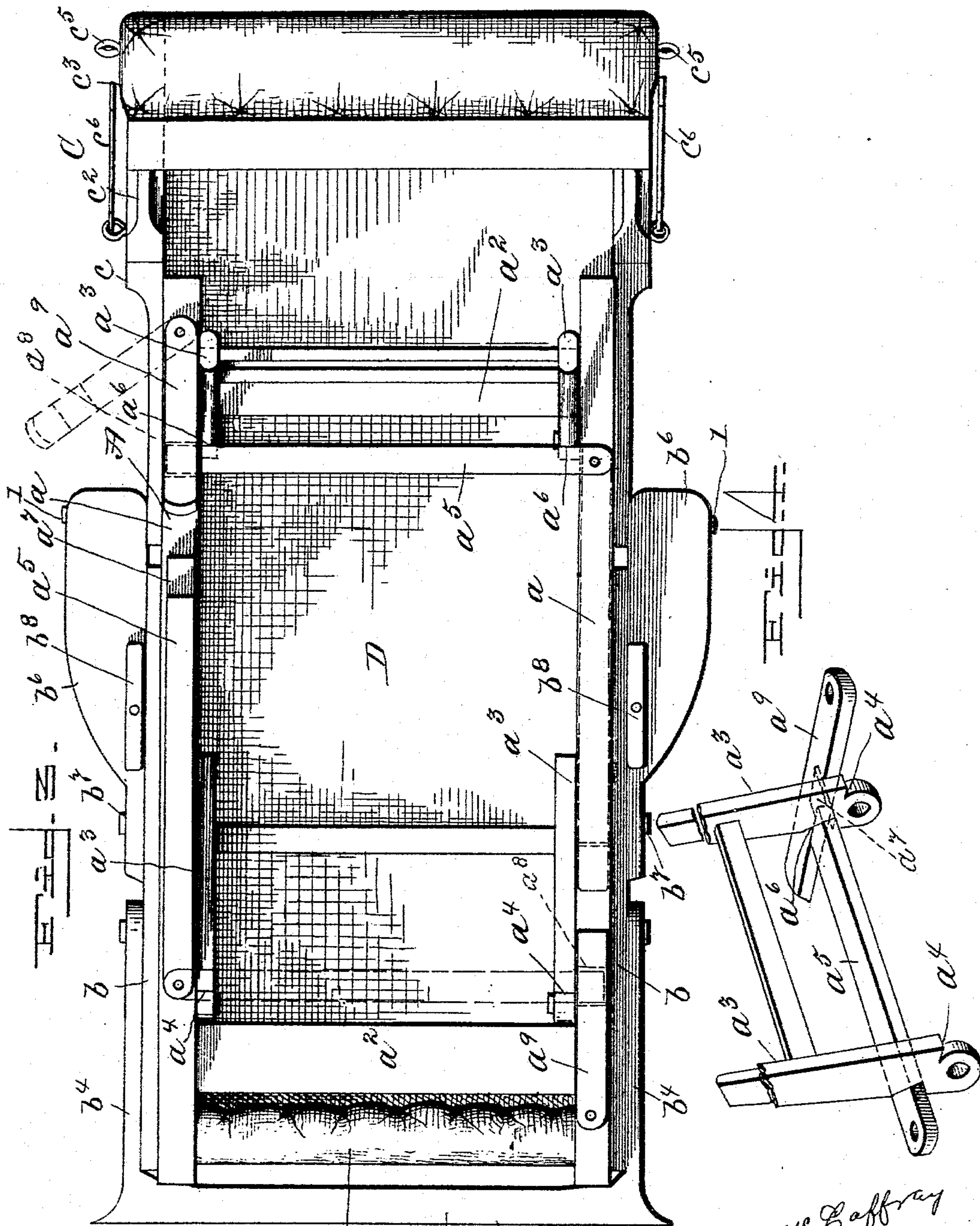
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Inventor

By Evers Applen
Attorneys

UNITED STATES PATENT OFFICE.

JOSEPH G. MCCAFFREY, OF DETROIT, MICHIGAN.

CONVERTIBLE CHAIR.

SPECIFICATION forming part of Letters Patent No. 533,727, dated February 5, 1895.

Application filed December 29, 1893. Serial No. 495,112. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH G. MCCAFFREY, a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Convertible Chairs, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in "combined chairs and couches."

The object of the invention is to provide a combination chair and couch which can be easily and quickly adjusted into any desired position and which, when not in use, may be folded up to occupy a limited amount of space.

With these and other ends in view my invention consists in the peculiar construction and arrangement of parts as will be hereinafter fully pointed out and claimed.

In describing the invention in detail, reference is had to the accompanying drawings, which form part of this specification and wherein like letters indicate corresponding parts in the several views, in which—

Figure 1, is a view in side elevation showing my improved chair converted into a couch; also by dotted lines various adjustments of the foot and head portions of the same. Fig. 2, is a similar view showing a rearrangement by which the same is converted into a chair and also showing by dotted lines several positions which it may be made to assume. Fig. 3, is a bottom plan view of the chair. Fig. 4, is a detail view of the means for locking the legs of the supporting frame.

In the drawings: A, denotes a rectangular frame formed by the longitudinally extending rails a, a , and the transverse braces a^2, a^2 . Between the rails a, a , adjacent the braces a^2, a^2 , are pivotally mounted supporting legs a^3, a^3 , arranged in pairs and each pair connected by a cross beam. These legs are adapted, when the chair is not in use, to be folded inwardly, between the strips a, a , and are provided on the sides adjacent the braces with stop-shoulders a^4 , which abut against said braces and serve to retain the legs at a determined inclination. As a convenient means for retaining them in such position, I

pivot to the under side of each rail a , adjacent the legs, an arm a^5 , which may be swung across the frame and into engagement with notches a^6 , of the legs, thus holding them firmly in position. The free ends of these arms a^5 , are preferably reduced as at a^7 , for engagement with notches a^8 , of the pivotal latches a^9 .

On the outer faces of the rails a, a , are pivoted the side bars b, b , of the chair-back, which are connected at their free ends by a cross brace b^2 . This brace, when the bars are in a horizontal position (see Fig. 1) rests in pockets a^{10} , formed in the rails a, a . The back is supported at any desirable angle to the supporting frame by a brace comprising the side arms b^4, b^4 , pivoted to the bars b, b , and connected by a transverse rod b^5 , which is adapted to engage the notches a^{11} , of the rails a, a .

C, denotes the leg and foot-rest formed of sections c, c^2, c^3 , which are hinged together as at c^4 . The projecting arms of the inner section are pivotally mounted on the side rails a, a , with the free ends thereof connected to the back-portion by the interposed arms b^6, b^6 , which latter have a pin and slot connection b^7 , with the back proper. The outer section c^3 , is provided with eye-bolts c^5, c^5 , into which the hooks c^6 of the intermediate section c^2 , take to secure said section c^3 at an angle of inclination suitable for different positions of the chair.

By making the leg and foot rest in three sections and connecting said sections in the manner shown and described such rest as a whole may be folded over on the supporting frame at the upper joint c^4 , so as to lie, in knockdown form, within the length of the side bars of the main frame for the purpose of storage or shipment.

D, denotes a covering of suitable material which is secured to the side rails as at d , to form a seat portion, with one extremity extending inwardly and entirely covering the back-portion and the opposite extremity extending in an opposite direction to cover the foot and leg rest. Thus, referring to Fig. 1, when the parts are positioned as there shown, a continuous horizontal couch will be presented. This flat surface may be broken at either end, of the seat portion by depressing the joint 1, in the direction of the arrow, which would tend to elevate the leg and foot-

rest, as is also indicated by lines 2 and 3, and by giving the button b^8 , a partial revolution, to cause it to engage the under side of the rail, these parts may be retained as adjusted.

5 Again, the outer section c^3 , of the leg and foot-rest may be elevated and secured by the hook and eye above referred to. Again the back portion may be readily elevated to an angle of forty-five degrees to the seat portion
10 without necessarily disturbing the leg and foot-rest, owing to the pin and slot connection between the back and the interposed arms connecting the same with the foot-rest.

Referring to Fig. 2, the extreme forward
15 position of the chair is shown by full lines, also the leg and foot-rest adjusted thereto and several intermediate adjustments indicated by dotted lines, which will be readily understood.

20 Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a chair of the class described, the combination with a supporting frame, having a
25 seat rigidly secured thereto, of a back portion pivoted to the frame, adjacent to one end of the seat thereon, arms pivoted to the back and adapted to take into notches in the side bars of the frame, a leg and foot rest having
30 its side bars pivoted to the supporting frame near the forward end thereof, and bars pivoted at one end to the leg and foot rest and connected with the back by a pin and slot connection, substantially as shown and de-
35 scribed.

2. In a chair of the class described, the combination with a supporting frame and a back pivoted to said frame and adapted to be supported at different angles with relation thereto, of a leg and foot rest comprising a
40 section which is pivoted to the supporting frame, and two sections hinged together and to the pivoted section one of said hinged sections having secured thereto hooks adapted to take into eyes carried by the other of said
45 hinged sections, and bars pivotally connected to the leg and foot rest and adjustably connected to the chair back, substantially as shown and described.

3. The combination with a main frame, of
50 leg frames arranged at each end of the main frame and each consisting of a pair of legs pivoted to the main frame and connected by cross bars, locking bars pivoted to the main frame, adjacent to each leg frame to swing
55 transversely across the same and fit in notches formed in the legs, the free end of each of such bars being reduced in thickness, and latches pivoted to the main frame to swing at right angles to the line of movement of the
60 locking bars and adapted to engage the reduced free ends of said bars, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH G. McCAFFREY.

Witnesses:

JAMES L. CUMMINS,
D. W. BROOKS.