

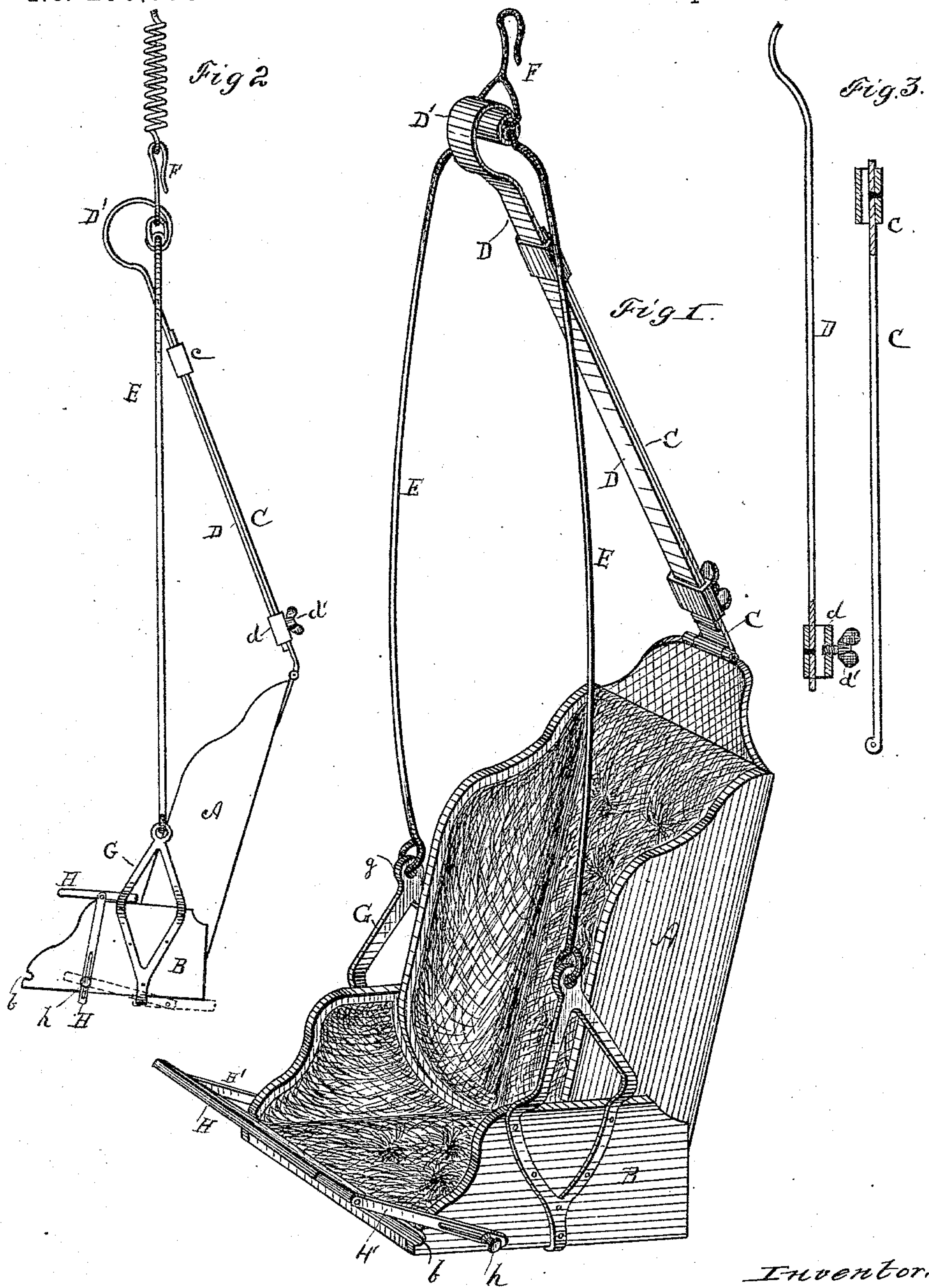
(No Model.)

H. S. PECK.

SUSPENDED ADJUSTABLE CHAIR AND SEAT.

No. 296,775.

Patented Apr. 15, 1884.



Witnesses.  
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Atts



# UNITED STATES PATENT OFFICE.

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## SUSPENDED ADJUSTABLE CHAIR AND SEAT.

SPECIFICATION forming part of Letters Patent No. 296,775, dated April 15, 1884.

Application filed December 31, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY S. PECK, a citizen of the United States, residing at Westfield, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Suspended Adjustable Chairs and Seats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The nature, objects, and scope of this invention will appear from the following description and claims.

The device is illustrated in the accompanying drawings, as follows:

Figure 1 is a perspective view, showing the chair in an upright position. Fig. 2 is a side view of the same, and by dotted lines the changes of position or adjustments are shown. Fig. 3 shows details of construction.

The chair is composed of two parts, A and B, of which A is the back, and B the seat. These two parts are hinged or pivoted together, so that the back can be set at any desired angle to the seat. Both these parts are supported from the suspending-hook F. The back is suspended by an extensible but rigid stay formed of the parts C and D, which are connected together by clasps *c* and *d*, so that they can slide upon each other, and one of the clasps *d* has a binding-screw, *d'*, so that the length of the stay can be rigidly adjusted, as desired. The parts C and D are of thin bars of metal, and one of them, D, may be of steel, and can be provided with a C-spring, D', at one end, so as to give the back A a yielding or flexible connection. The seat B is supported by rigid guy-rods E, which are bent so as to arch over the occupant of the chair. These guy-rods connect with rigid bails G G on the sides of the seat. These pieces G are made, preferably, of wrought or malleable cast iron. They reach under the seat in the manner of an angle-iron, for the purpose of giving strength, and then branch out toward the ends of the side pieces, then curve outwardly from the seat, so as to leave room for the arm, and also to form a rest for the arm of the occupant, and then they meet above and form an eye for the attachment of the guy-rods. Thus the

general form of these pieces G is that of a diamond, with the outward curve above named. When thus suspended, the seat is held in a horizontal position, as it is not desirable that it should tilt, but that the adjustments should be made by the back and by the front board, H. This front board is intended to be used, when desired, as an extension of the seat for the child's feet to lie upon; or it may be set at a sharp angle to the seat, when the back is thrown down nearly horizontal, and so serve as a foot-board to keep the child from slipping out; or it can be thrown up in front of the child and serve as a table; or it may be thrown under the seat, out of the way. This part H consists of a board pivoted to side straps, H' H', which are slotted and secured to the sides of the seat by binding-screws *h*, which pass through the slots. The edge of the board H rests on the end of the seat-bottom and notches *b* in the end of the side pieces of the seat, and by properly adjusting the screws *h* in the slots in the straps H' the part H can be sustained at various angles. Such an adjustment is shown in Fig. 1. In Fig. 2 it is shown thrown up to serve as a table, and by dotted lines it is shown thrown under, out of the way.

I am aware that suspended adjustable chairs are common; and I desire to refer especially to Letters Patent No. 285,665, issued to me September 25, 1883, in which a somewhat similar construction to the present one is shown, and on which the present construction is an improvement.

I have found it desirable that the seat be so suspended that it will not tilt, but remain horizontal; also that the suspending-guys of the seat arch over the occupant; also that the back-stay be made with a spring in it, and also that the foot-board be pivoted upon the straps H'.

What I claim as new is—

1. In a suspended adjustable chair, the combination; with the seat B and swinging or pivoted back A, of the rigid bails G G, attached to the sides of the seat B, the rigid guys E E, arching over the seat, and the adjustable back-stay C D, connecting the top of the back A with the top of the arched guys, substantially as shown, and for the purposes set forth.

2. In a suspended adjustable chair, the com-



5 combination, with the seat B and swinging or pivoted back A, of a supporting-frame, G G and E E, for suspending the seat B in a horizontal position, and an adjustable back-stay, C D, for holding the back at any desired angle to the seat, substantially as shown, and for the purposes mentioned.

10 3. In a suspended adjustable chair, substantially as shown, the combination, with the pivoted back, of the adjustable back-stay C D, having at one end a C-spring, D', formed on one of the parts of said stay, substantially as shown, and for the purposes mentioned.

15 4. In a suspended adjustable chair, substantially as shown, the combination, with the seat and its suspending-guys, of the rigid bails G G, attached on the sides of the seat, and extending from at or near the ends of said sides, and meeting with an eye, g, or other means 20 for connecting with the guys at a central point above the seat over each side piece, as set forth.

5. In a suspended adjustable chair, substantially as shown, the combination, with the seat

and its suspending-guys, of the bail-pieces 25 G G, which reach under the sides of the seat in the manner of an angle-iron, extend to points near the ends of the sides, and then curve outwardly from the sides, and finally meet above the sides, over the middle of the same, 30 substantially as shown.

6. The combination, with the seat of a suspended adjustable chair, of the board H, pivoted on the adjustable side straps, H', substantially as and for the purposes set forth. 35

7. In an adjustable suspended chair, the combination, with the seat B, having notch b, as shown, of the board H, pivoted, as shown, on the adjustable side stays, H', and the binding-screws h on the sides of the seat, substantially as shown. 40

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

HENRY S. PECK.

Witnesses:

JNO. K. HALLOCK,  
ROBT. H. PORTER.