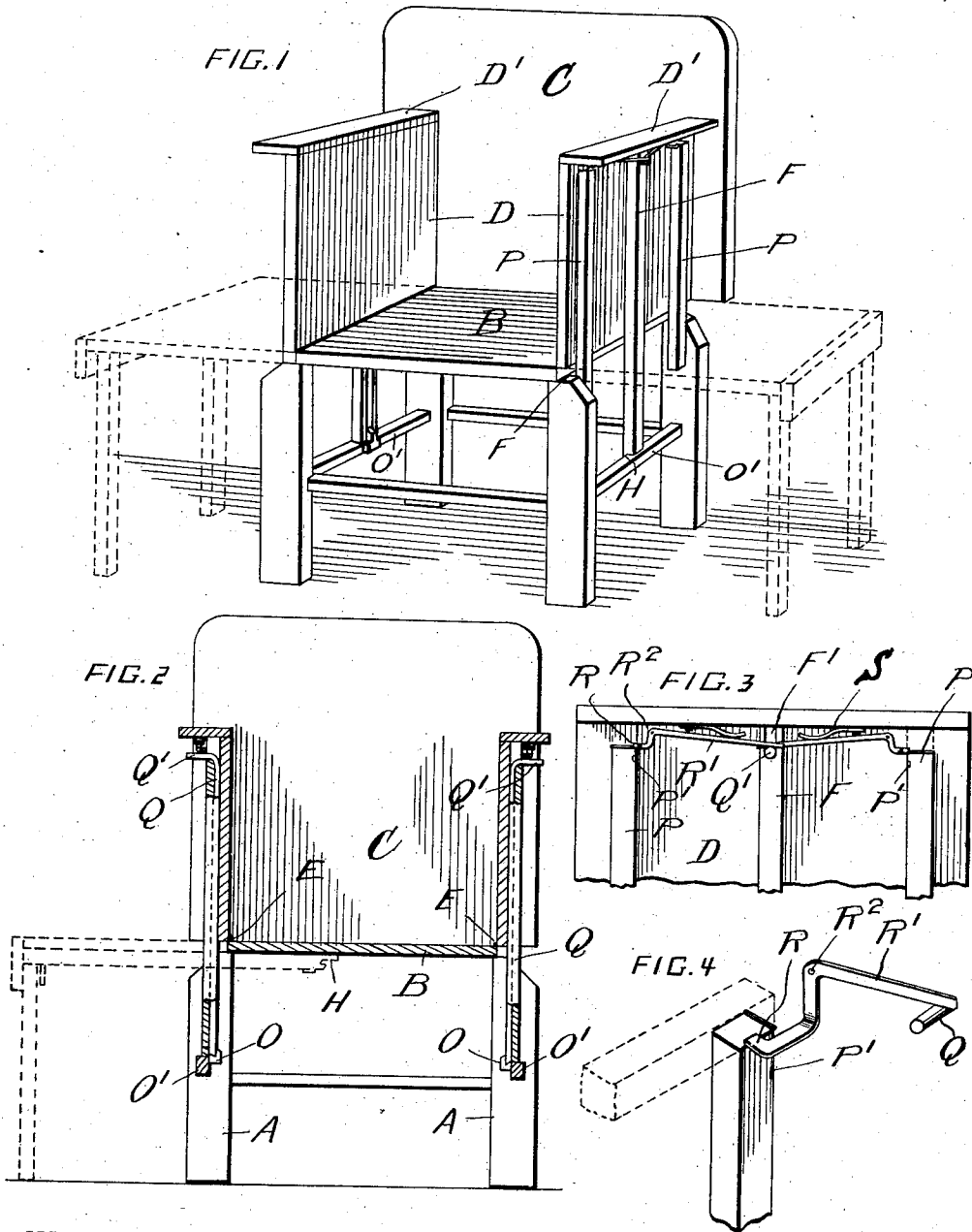


D. M. HARMAN.
CHAIR.

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WITNESSES:

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DANIEL M. HARMAN, OF PHILADELPHIA, PENNSYLVANIA.

CHAIR.

1,025,266.

Specification of Letters Patent.

Patented May 7, 1912.

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To all whom it may concern:

Be it known that I, DANIEL M. HARMAN, a citizen of the United States, residing at Philadelphia, State of Pennsylvania, have
5 invented certain new and useful Improvements in Chairs; 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
10 appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

15 This invention relates to new and useful improvements in chairs having sides which are adapted to swing to horizontal positions and form seats.

The invention comprises various details
20 of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view of a chair showing the sides in solid lines in vertical positions and in dotted lines in horizontal positions. Fig. 2 is a vertical sectional
30 view through the chair. Fig. 3 is a detail in elevation, and Fig. 4 is a detail perspective.

Reference now being had to the details of the drawings by letter, A, A designate the legs of the chair, B the permanent
35 seat and C the back. Hinged to the opposite sides of the stationary seat B are the sides D similar in construction and each provided with an arm rest D'. Each side is hinged at E to the opposite sides of the
40 seat B and fastened to the outer face of each side is a bar F having a slot F' near one end thereof, as shown in Fig. 3 of the drawings. A rod Q is mounted upon each
45 bar F and has its upper end bent at an angle as at Q' and projects through the slot F'. A catch O is fastened upon a cross-piece O' and is adapted to be engaged by the lower end of the rod to hold the sides in upright positions.

50 Hinged to the face of each side are the supporting legs P, each of which is provided with a notch P' formed in the edge thereof and adapted to receive the end R of an angle lever R', which latter is pivotally mounted upon a pin R² fastened to

the side. The shank portions of the levers R' are adapted to contact with the angle end Q' of the rod Q, being held in such position by the springs S fastened to the under surface of the arm rest of the
60 chair.

The operation of my chair will be readily understood and is as follows:—When it is desired to swing the sides down to the position shown in Fig. 1, the operator by
65 raising upon the angle ends Q' of the rods Q will cause the levers R' to tilt and the ends R to be withdrawn from contact with the upper ends of the legs F, allowing the same to swing at right angles to the sides
70 when the latter are in horizontal position and in which positions the ends R of the angle levers will engage recesses P'. When the sides are in vertical positions, they are held in such positions by the lower ends
75 of the rods Q engaging the catches O upon the cross-pieces O'.

By the provision of a chair made in accordance with my invention, it will be noted that the same may be conveniently converted into a couch or seat for several persons as may be desired. When in either of its adjusted positions, the parts will be
80 securely held in place.

What I claim to be new is:—

85 1. A chair having legs with cross-pieces connecting the same and a stationary seat supported by the legs, sides hinged to the opposite edges of the stationary seat, bars fastened to each side and projecting beyond the hinged end thereof, a longitudinally movable rod mounted upon each of said bars, a catch upon each cross-piece and adapted to be engaged by the rod, one end
90 of said rod being bent at an angle, springs fastened to each side, legs hinged to each side and each provided with a notch, angle levers pivoted to each side and having corresponding ends engaging the angle portion of said rod and against which levers
100 said springs bear, each lever adapted to engage the hinged legs.

2. A chair having legs with cross-pieces connecting the same and a stationary seat supported by the legs, sides hinged to the
105 opposite edges of the stationary seat, bars fastened to each side and projecting beyond the hinged end thereof, a longitudinally movable rod mounted upon each of said bars, a catch upon each cross-piece and
110

adapted to be engaged by the rod, one end
of said rod being bent at an angle, springs
fastened to each side, legs hinged to each
side and each provided with a notch, angle
5 levers pivotally mounted upon each side
and having corresponding ends engaging
the angle end of said rod, said levers en-
gaged by said springs, each lever having
an L-shaped end designed for engagement

with a notch in the hinged leg when the lat- 10
ter is in a vertical position.

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

DANIEL M. HARMAN.

Witnesses:

W. HAMILTON ROSE,
EDWD. E. NICHOLAS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
