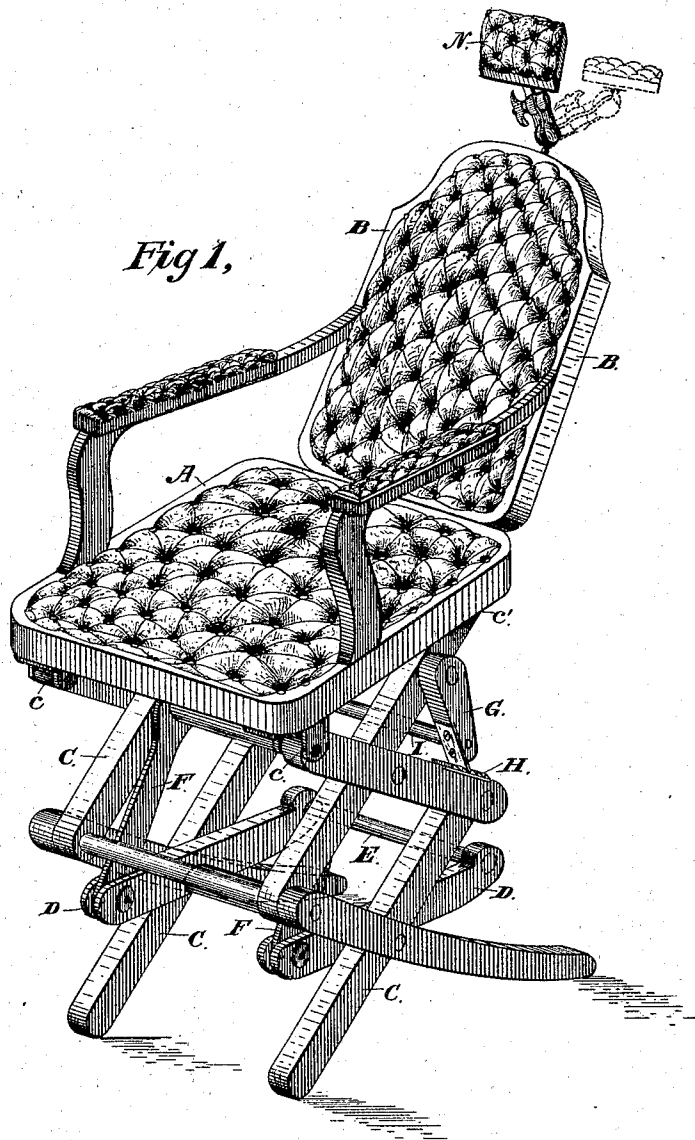


N. N. HORTON.
Dentist's Chair.

No. 232,352.

Patented Sept. 21, 1880.



Attest:

Geo. T. Smallwood Jr.
W. E. Gay

Inventor:

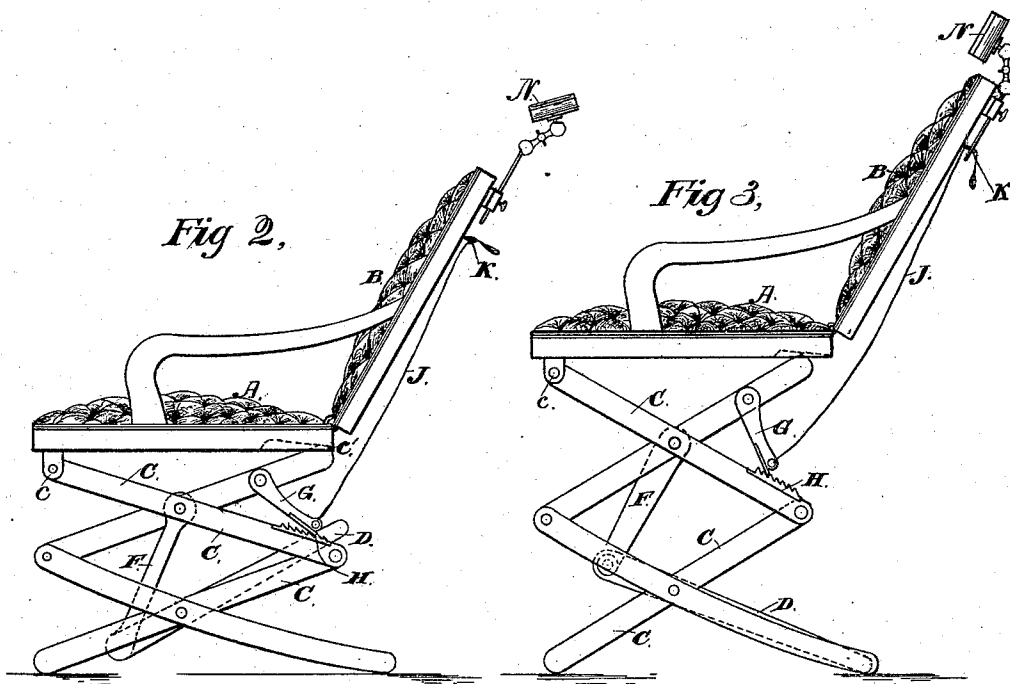
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UNITED STATES PATENT OFFICE.

NUMON N. HORTON, OF KANSAS CITY, MISSOURI.

DENTIST'S CHAIR.

SPECIFICATION forming part of Letters Patent No. 232,352, dated September 21, 1880.

Application filed October 29, 1879.

To all whom it may concern:

Be it known that I, NUMON N. HORTON, doctor of medicine, of Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Dentists' and other Chairs, of which the following is a specification.

My invention relates, primarily, to dentists', barbers', and similar chairs; but my improvements are applicable, in part, to children's chairs, and in part to reclining and other chairs.

My improvements consist in constructing the supporting-legs of a chair in the form of a lazy-tongs frame, which I operate by a foot-lever in such a manner as to raise the chair bodily to any height desired by the movement of said lazy-tongs legs, pawls and racks being provided to support the chair at any desired height.

In order that my invention may be fully understood, I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a perspective view of the chair, partly elevated. Fig. 2 is a side view, showing the chair in its lowest position and with the head-rest elevated and thrown back. Fig. 3 is a side view, showing the chair elevated and the head-rest lowered and thrown forward in line with the back.

A represents the seat, and B the back, of the chair, which may be hinged together.

The chair may be provided with a foot-rest, and with means for supporting the back at any inclination, after either of the modes described in my patents of September 26, 1876, and October 15, 1878.

The legs or supports of the chair are formed of lazy-tongs frames C C, one at each side, hinged at *c* under each front corner of the seat, and slipping at *c'* beneath each rear corner, in the path indicated by the dotted lines.

The chair is raised by a pair of levers, D D, connected by a bar, E, so as to be moved by the hand or foot, and pivoted at their inner ends to thrust-rods F F, which are connected to the upper intersections of the lazy-tongs arms, so that bearing down on the foot-bar E will elevate the chair. It is then caught at any height to which it is raised by pawls G G, each pivoted to one member of the respective frames, and engaging automatically with a ratchet-rack, H H, on the upper surface of the member below.

The pawls G G are connected by a bar, I, so as to be raised simultaneously by means of a cord, J, which passes through an eye, K, at the back of the chair.

N represents a head-rest, capable of vertical, front and back, and lateral adjustment.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

The combination of the chair-seat A, lazy-tongs supporting-frames C C, foot-lever D D E, pivoted to the frame and to thrust-rods F, and detaining-pawls G G, pivoted to one member of the respective frames and connected together by bar I, substantially as and for the purpose set forth.

N. N. HORTON, M. D.

Witnesses:

OCTAVIUS KNIGHT,
HARRY E. KNIGHT.