(No Model.) 2 Sheets—Sheet 1.

W. FARMER.

ADJUSTABLE CHAIR SUPPORT.

No. 280,593. Patented July 3, 1883.

Fig. 1.

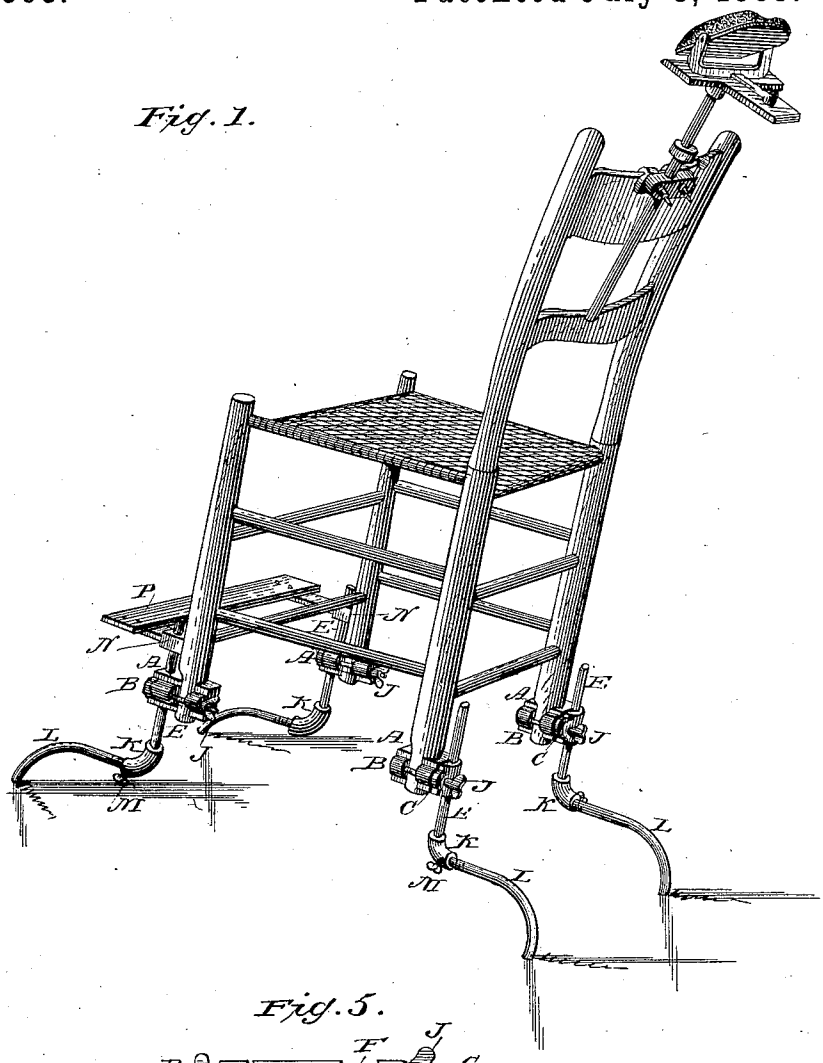
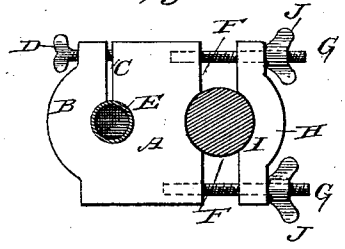


Fig. 5.



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(No Model.) 2 Sheets—Sheet 2.

W. FARMER.

ADJUSTABLE CHAIR SUPPORT.

No. 280,593. Patented July 3, 1883.

Fig. 2.

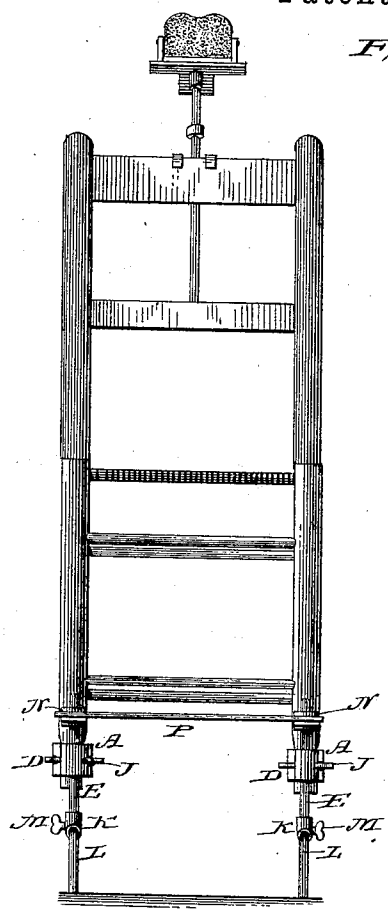


Fig. 3.

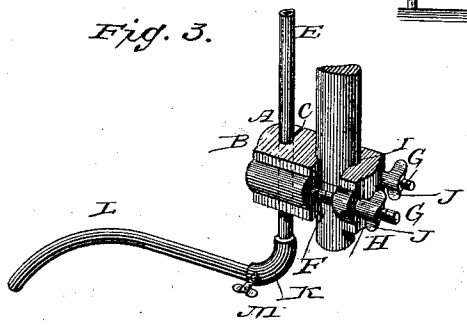
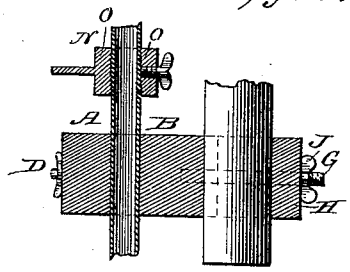


Fig. 4.



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UNITED STATES PATENT OFFICE.

WILLIAM FARMER, OF WYTHEVILLE, VIRGINIA.

ADJUSTABLE CHAIR-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 280,593, dated July 3, 1883.

Application filed March 20, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM FARMER, a citizen of the United States, residing at Wytheville, in the county of Wythe and State of Virginia, have invented a new and useful Device for Elevating and Adjusting Chairs for Dental and other Purposes, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to adjustable chair-supports; and it has for its object to provide a device which shall be simple, convenient, light, and portable, and easily applied to ordinary chairs of any kind or construction, which may thereby be elevated and adjusted in the manner and for the purpose which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, Figure 1 is a perspective view of a chair mounted on my improved elevating and adjusting devices. Fig. 2 is a front view of the same. Fig. 3 is a perspective view of one of the elevating and adjusting devices detached from the chair. Fig. 4 is a vertical sectional view of the same. Fig. 5 is a horizontal sectional view.

The same letters refer to the same parts in all the figures.

A in the drawings designates a frame, comprising a clamping collar or band, B, having in one side a radial slit, C, through which a tightening-screw, D, passes transversely, connecting the ends of the band or collar, which may thus be clamped upon a rod, E, which may consist of a piece of ordinary gas-pipe, which is thereby adjustable vertically in the said frame or collar. The face of the latter is provided with a semicircular recess, F, at the sides of which two screws, G G, fixed in the frame A, project, as shown. Upon the said screws slides a follower, H, having a curved recess, I, in its inner side, and capable of being tightened up against the frame by thumb-nuts J, working upon the screws G. By means of this follower and thumb-nuts the frame A may be securely clamped upon the lower end of the leg of any ordinary chair. In practice four of the frames or clamps A are employed, one being secured upon each of the legs of an ordinary chair, in the position clearly shown in Fig. 1 of the drawings.

To the lower ends of the vertically-adjustable rods E quarter-curved pipe-joints K are tightly screwed, or otherwise secured, and into the lower or outer ends of the said pipe-joints the curved legs L L are screwed. Said legs, which may be made of ordinary gas-pipe, are capable of being turned in the joints or sockets to any desired position, in which they may be held by set-screws M, working in the sides of the sockets.

N N are brackets having set-screws O O by which they are vertically adjustable upon the upper ends of the rods E, which are secured upon the front legs of the chair. Said brackets serve to support a foot-rest, P, which is thus capable of vertical adjustment.

The operation of this invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed.

The parts composing my invention are small and compact, and may be readily separated and packed in a valise, or in other convenient form for transportation. The clamps may in a moment's time be attached to the lower ends of the legs of an ordinary chair, which may thus, by moving the rods E in their respective sockets, be adjusted vertically to any desired extent. The curved legs L may be spread out, so as to form a large and firm base, or they may be turned and adjusted so as to tilt the chair in any desired direction. The foot-rest, likewise, may be adjusted so as to suit the size and position of the patient.

This device is especially useful for traveling dentists, who cannot conveniently carry the regular dentist's chair to all places where they are required to practice their profession, and who, as well as their patients, have experienced much inconvenience by the use of ordinary chairs, which are by no means adapted to the various postures which must be assumed during the extraction or treatment of the teeth. The attachment is also useful for barbers, and for other purposes which will suggest themselves.

I claim as my invention and desire to secure by Letters Patent of the United States—

1. The combination, with clamps adapted to be attached to the lower ends of the legs of an ordinary chair, of supporting-rods verti-

cally adjustable in the said clamps, and curved legs suitably connected to the lower ends of said rods, as set forth.

2. The combination of clamps adapted to be attached to the lower ends of the legs of an ordinary chair, supporting-rods vertically adjustable in the said clamps, quarter-curved joints secured to the lower ends of said rods, curved legs adjustable in the said joints, and set-screws for holding the said legs in any position to which they may be adjusted, as set forth.

3. The described attachment for chairs, the same consisting of clamping bands or collars equipped with tightening-screws, and having concave recesses in their faces, and screws projecting at the sides of said recesses, followers and thumb-nuts adjustable upon said screws, supporting-rods vertically adjustable in the bands or collars, pipe-joints at the lower ends of said rods, and curved legs adjustable in the said joints, all combined and operating substantially as set forth.

4. The combination, with the described elevating and adjusting attachment for chairs, of brackets vertically adjustable upon the front supporting-rods by means of suitable clamps, and a foot-rest supported by the said brackets, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM FARMER.

Witnesses:

EDWARD G. SIGGERS,

WM. J. LITTELL.