G. W. RIEBE.

AUXILIARY SEAT FOR CHAIRS.

APPLICATION FILED DEC. 24, 1909.

972,472. **Patented Oct. 11, 1910.**

2 SHEETS—SHEET 1.

FIG. 1.

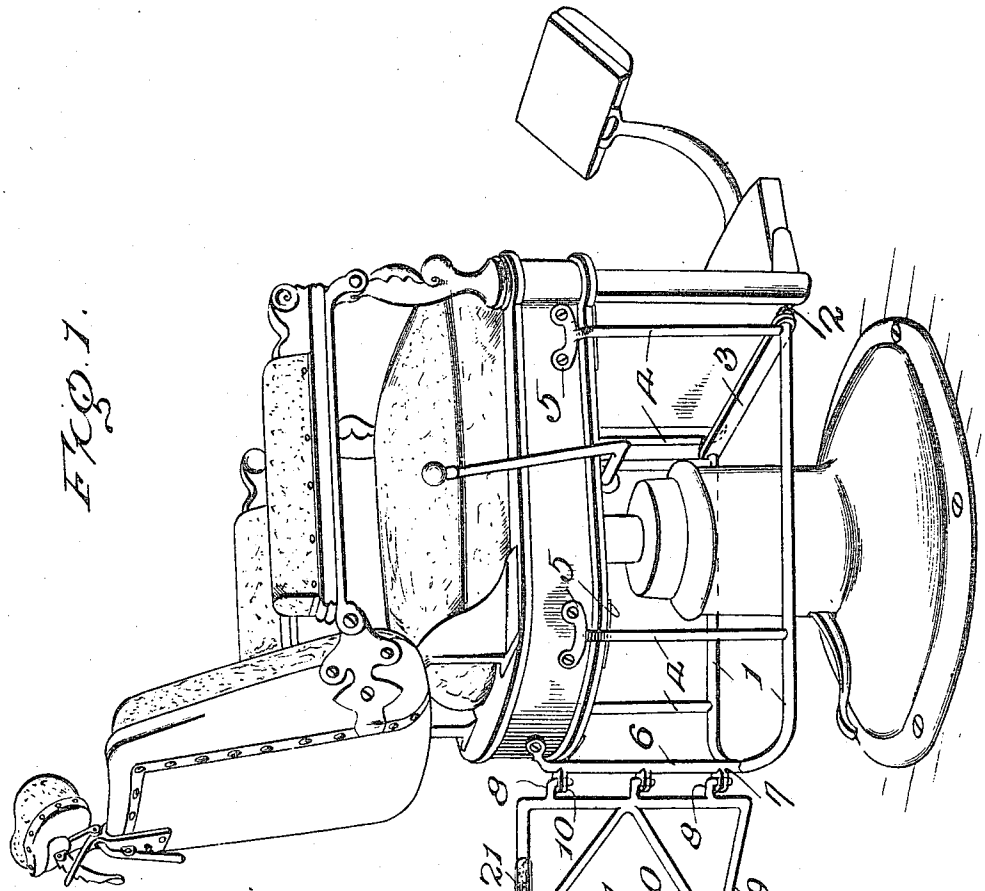
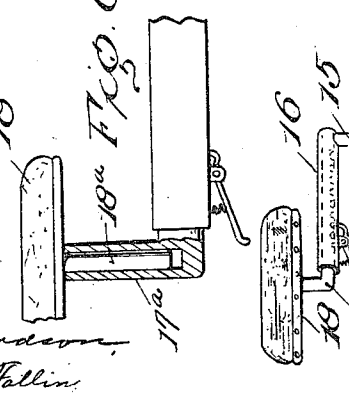


FIG. 6.



Witnesses

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2 SHEETS—SHEET 2.

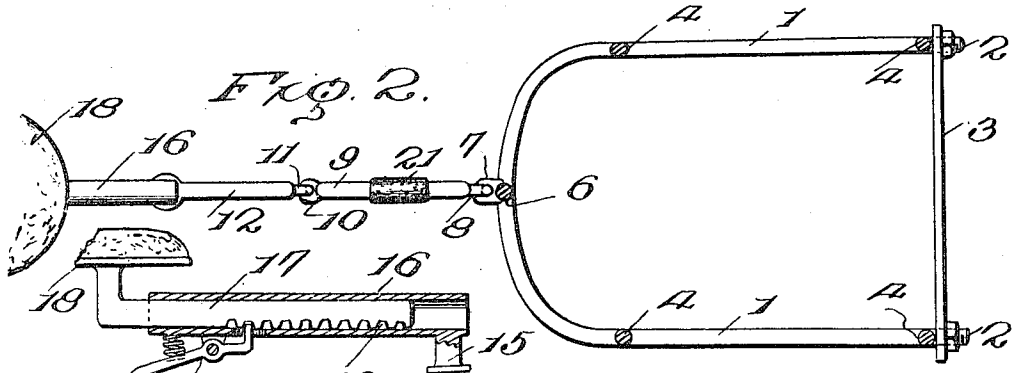


FIG. 2.

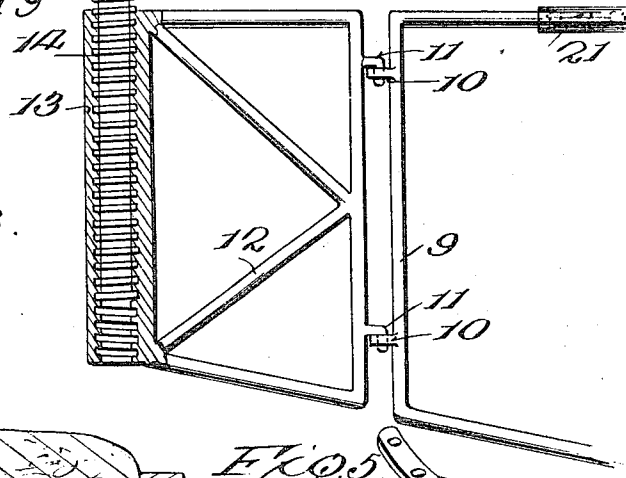


FIG. 3.

FIG. 4.

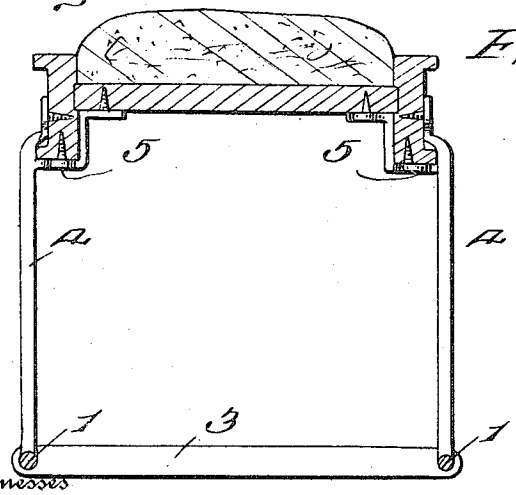
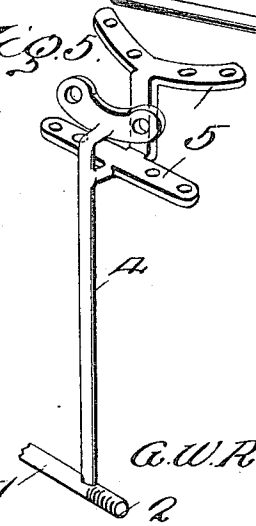


FIG. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

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AUXILIARY SEAT FOR CHAIRS.

972,472. Specification of Letters Patent. Patented Oct. 11, 1910.

Application filed December 24, 1909. Serial No. 534,757.

To all whom it may concern:

Be it known that I, GUSTAV W. RIEBE, citizen of the United States, residing at Iron River, in the county of Bayfield and State of Wisconsin, have invented certain new and useful Improvements in Auxiliary Seats for Chairs, of which the following is a specification.

The primary object of this invention is an auxiliary seat to be secured to a barber's or dentist's chair, so that the operator may be seated in the performance of his duties, thereby avoiding the tiresome effects that are incidental to dentists and barbers owing to the fact that they usually have to stand throughout the greater portion of a day, and sometimes far into the night.

The invention also has for its object an improved auxiliary seat of this character which may be easily swung around to the desired position and which may be easily adjusted to the required height, or detached entirely so as to be out of the way when not desired for use, which will be simple in construction as well as durable and efficient in operation and which will be composed of comparatively few parts that may be cheaply manufactured and readily assembled and disassembled.

With these and other objects in view, as will more fully appear as the description proceeds, the invention consists in certain constructions and arrangements and combinations of the parts that I shall hereinafter more fully describe and claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawings in which:

Figure 1 is a perspective view of a barber's chair equipped with the improvements of my invention; Fig. 2 is a horizontal sectional view of the device; Fig. 3 is a side elevation, partly in section; Fig. 4 is a transverse sectional view through the main chair seat illustrating my manner of connecting the device thereto; Fig. 5 is a perspective view of one of the hanger rods of the device; and, Fig. 6 is a detail sectional view of the rotary connection between the auxiliary seat and the part which directly supports it.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

The supporting framework of my improved auxiliary seat embodies a base frame 1 which is substantially restangular as shown, and preferably curved at the rear end, and which embodies two side pieces preferably formed integral with a rear cross bar, the same being designed to extend partially around the pedestal of a barber's or dentist's chair, the front ends of the side bars being preferably threaded as indicated at 2, said ends having slipped over them the ends of a front cross bar or brace 3, and nuts being screwed on the threaded ends 2 of the side bars.

Secured to and extending upwardly from the base frame 1 are any desired number of hanger rods 4, the same being secured at their upper ends by brackets 5 to the base of said chair seat, as clearly illustrated in the drawing.

The framework for the auxiliary seat also includes a rear standard 6 which is secured at its lower end to the rear cross bar of the base frame 1 and which is secured at its upper end by one of the brackets 5 to the base of the main seat of the chair. This standard 6 is formed with any desired number of ball bearing sockets 7, one above the other, in which the angular pintles 8 of a swinging frame section 9 are designed to be inserted, so as to pivotally and detachably connect the frame section 9 to the framework above described, the section 9 being mounted to swing in a horizontal plane. Preferably the frame section 9 tapers rearwardly as shown, and is braced in any suitable way and is provided at its rear end with upper and lower sockets 10 to receive the angular pintles 11 that are formed on and secured to the front bar of a rear swinging section 12. This section also preferably tapers rearwardly. These two sections together constitute a laterally swinging auxiliary seat support. In the present embodiment of the invention, the rear section 12 is formed, so that it may carry the seat, with a vertically disposed tubular casing 13 threaded interiorly as indicated at 14 and designed to receive the correspondingly formed seat post 15. The seat post 15 is provided at its upper end with an angularly disposed tubular arm 16 in which the stem 17 of the auxiliary seat 18 is designed to be slipped, and to hold the stem 17 at different points within the tubular arm 16, the said stem is formed with notches 19 designed for en-

gagement by a spring pressed detent 20 carried by the tubular arm.

Preferably, the upwardly extending angular rear end of the stem 17 is hollow as indicated at 17ª and the seat 18 is secured to a stem 18ª which fits within the hollow portion 17ª and is mounted to rotate therein. By this means, it is evident, that when the person supported by the seat 18 wishes to push or pull himself around the barber's or dentist's chair to the required position, he will not have to arise, as he would be compelled to do if the seat 18 was rigidly mounted on the upper end of the stem 17, as the seat 18 may rotate in the hollowed end 17ª of the stem as an axis as well as swing around to the right or to the left.

From the foregoing description in connection with the accompanying drawings, the operation and application of my improved auxiliary seat will be apparent. In the practical use of the device, it will be understood that the framework is preferably secured permanently and is suspended by the base frame of the main seat of a dentist's or barber's chair or the like.

The frame sections 9 and 12 are slipped into place one after the other when it is desired to use the device and the seat post 15 is screwed into the upper end of the tubular casing 13 of the rear frame section 12 to the desired extent according to the required elevation of the seat. The extension of the auxiliary seat proper toward or from the main chair as required can be easily obtained by releasing the latch 20 and slipping the stem 17 of the seat 18 inwardly or outwardly in the tubular arm 16 of the seat post in an evident manner.

It will thus be seen that I have provided a very simple and efficient construction of auxiliary seat for a dentist's or barber's chair that may be easily applied whenever desired to be used and easily swung around to the desired position and adjusted to the required elevation and at any distance from the chair proper, which may be easily removed when not desired for use; and which is composed of comparatively few parts that may be easily manufactured. It is of course to be understood that the parts of the seat may be made of any desired substance or material and that various changes may be made in the construction, arrangement and proportion of the parts herein shown and described, without departing from the scope of the invention as defined in the appended claims.

If desired, either or both of the frame sections 9 and 12 may be provided with buffers 21 of rubber or the like so as to avoid marring the finish of the main chair seat should the swinging frame section or sections strike the same.

In view of the fact that the weight of the operator on the auxiliary chair would otherwise have a tendency to tilt the chair, the base of the chair equipped with my invention should be secured rigidly to the floor as by screws as indicated in the drawing.

Having thus described the invention, what is claimed as new is:

The combination with a chair of the character described embodying a pedestal and a seat-base mounted thereon, of a framework including hanger-rods connected to and depending from the side edges of the seat-base, a base frame connected to the lower ends of said hanger-rods and extending partially around and spaced from the pedestal of the chair, said base frame including side members that are threaded at their extremities, a transversely extending base-bar apertured to be slipped over said threaded extremities and secured thereto, a standard embodied in said framework and connected at its lower end to the rear end of the base frame, the standard being connected at its upper end to the rear edge of the seat-base, a laterally swinging seat supporting frame pivotally connected to said standard, and an auxiliary seat carried by said frame.

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

GUSTAV W. RIEBE. [L. S.]

Witnesses:

HENRY MEYER,

W. B. JOHNSTON.