May 24, 1949. J. W. ADAMS 2,471,183

BEAUTY PARLOR ROLLING AUXILIARY CHAIR

Filed Sept 30, 1946 2 Sheets-Sheet 1

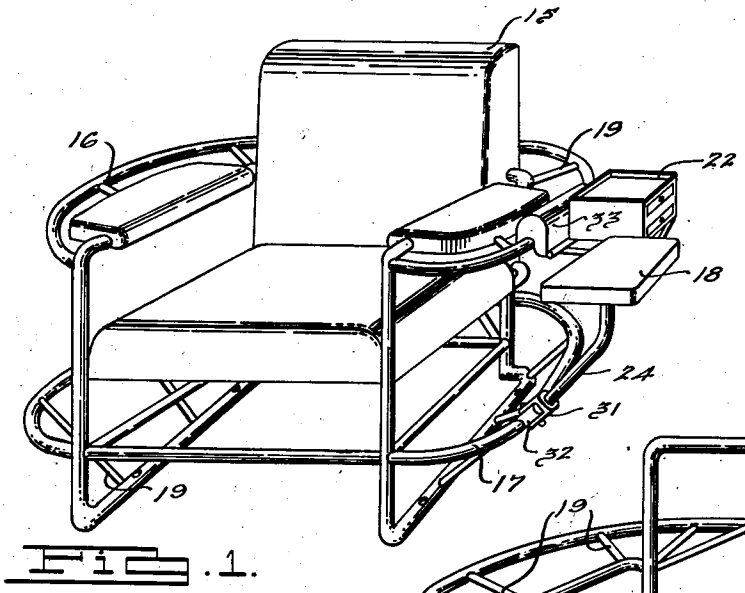


Fig. 1.

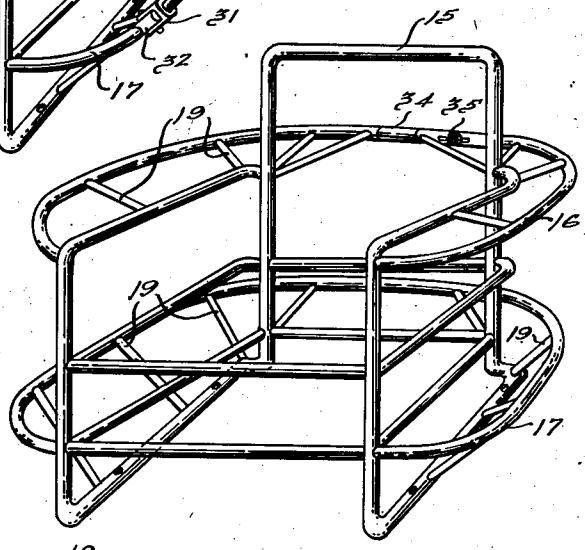


Fig. 2.

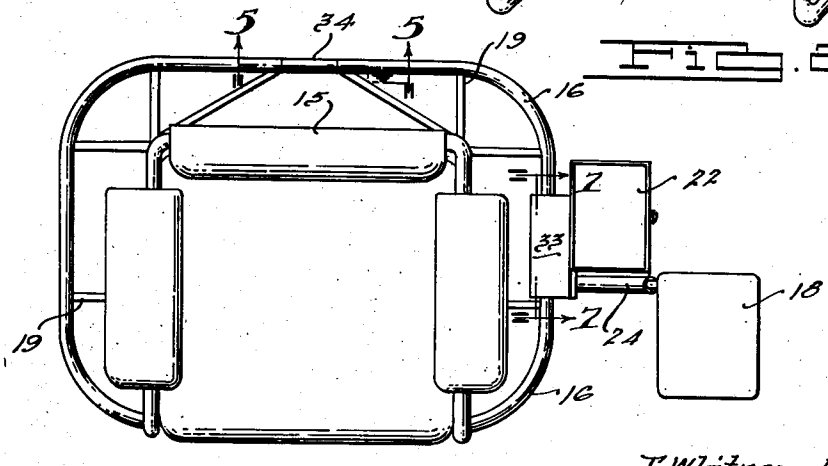


Fig. 3.

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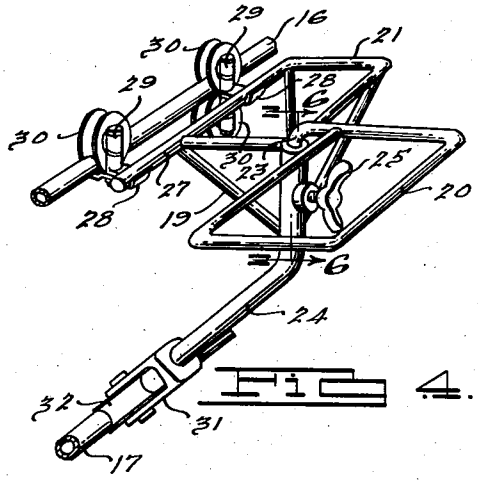


Fig. 4.

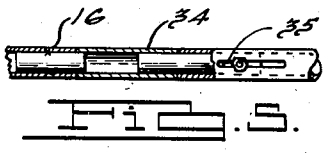


Fig. 5.

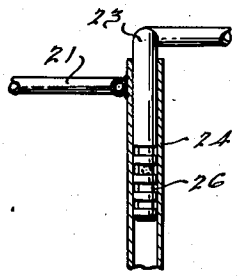


Fig. 6.

Fig. 7.

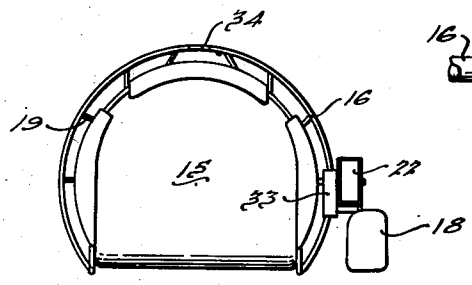
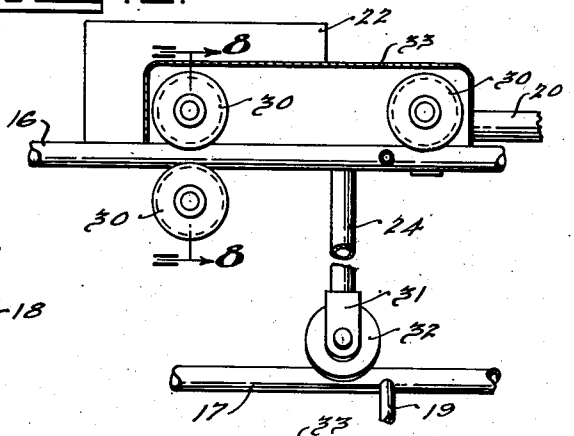


Fig. 9.



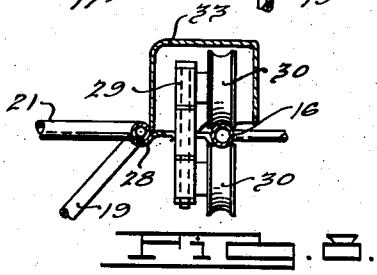


Fig. 8.

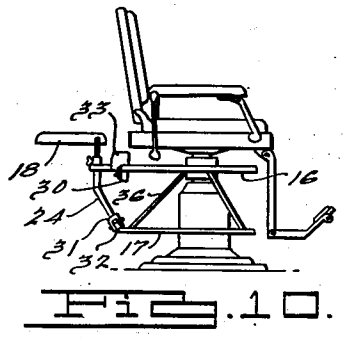


Fig. 10.

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UNITED STATES PATENT OFFICE

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BEAUTY PARLOR ROLLING AUXILIARY CHAIR

Josiah Whitney Adams, Detroit, Mich.

Application September 30, 1946, Serial No. 700,192

2 Claims. (Cl. 155—81)

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This invention relates to chairs, and more particularly to a new and improved beauty parlor rolling auxiliary chair for use in beauty parlors, barber shops or the like, to permit the beauty operator or barber to remain seated while performing his work. Most beauty salons and barber shops today have expensive floor coverings which will not permit the running of a wheel, or other type of support thereover, especially while the same is carrying the weight of a human body. I have provided a new and improved self-contained chair for use by barbers or beauty operators so that they may remain seated at all times, and while in a seated position, move the seat and container housing their working tools in a semi-circular arc about the subject being worked upon.

The principal object of the present invention is to provide a new and improved beauty or barber chair which is self-contained and permits the user to remain seated in order to relieve said operator of the extremely tiring effects of long continued standing.

Another object of the invention is to provide a new and improved self-contained chair having a stool seat which may be quickly moved in a horizontal plane in a semi-circular arc about the chair, and may also be quickly elevated or lowered to the desired height required by the user.

A still further object is to provide a new and improved self-contained chair so designed that the movable seat may be quickly detached from the chair frame should the barber or beauty operator desire to stand while working.

The above and other objects will appear more clearly from the following more detailed description, and from the drawings wherein:

Fig. 1 is a front perspective view of the chair per se showing the self-contained chair and movable seat mounted upon superimposed trackways.

Fig. 2 is also a front perspective view showing the chair framework and the detailed construction of the tubing and trackways.

Fig. 3 is a top plan view of the chair.

Fig. 4 is a perspective view showing a section of the upper and lower track members and the manner in which the movable stool is mounted thereon and the means for raising and lowering the stool.

Fig. 5 is a section taken substantially on the line 5—5 of Fig. 3 showing the releasing means for removing a section of the upper trackway.

Fig. 6 is a section taken substantially on the line 6—6 of Fig. 4 showing in detail the manner in which the movable stool may be raised or lowered.

Fig. 7 is a section taken substantially on the line 7—7 of Fig. 3 showing the upper and lower mountings of the rollers on the trackways.

Fig. 8 is a section taken substantially on the

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line 8—8 of Fig. 7 showing how the upper double rollers are mounted on the upper trackway.

Fig. 9 is a modification of Fig. 1 showing the the trackways circular; and

Fig. 10 is a modification showing the device secured to the conventional barber chair.

Referring now to the drawings, the numeral 15 designates the chair per se. The chair may be constructed in any conventional manner, but as shown best in Figs. 1 and 2 of the drawings, I have designed the same in the so-called modern manner using hollow steel tubing, which is light and strong. Aluminum or magnesium tubing may be used and different types of cushions, styled and formed to make the chair comfortable and attractive, may be used. As shown best in Figs. 2 and 3 there are provided rectangular trackways 16, 17, built or formed integrally with the chair proper to form a pair of superimposed supports or trackways for a movable stool 18, said trackways being supported by a plurality of laterally extending supporting tube members 19 which in turn not only support the upper and lower trackways, but hold the same away from the chair frame proper and allow the stool to move in a horizontal plane.

The movable stool 18 comprises a rectangular frame 20 adapted to support a seat, a portion of said frame 23, Fig. 4, being adapted to fit telescopically into a hollow tube 24, Fig. 6, so that stool 18 may be raised, held or lowered, by means of wing nut member 25, the stem of which may be inserted into any one of grooves 26 formed in tube 23 to receive same. Frame section 21 is also rectangular in shape and partially supported by tube 24, and is adapted to receive and carry a tool box 22, Fig. 1, so that the same is at all times adjacent the operator sitting upon stool 18. A section 27 of frame 21, Fig. 4, is formed to rest upon and is secured to a pair of U-shaped supports 28, which are an integral part of a pair of roller supports 29, which in turn rotatably support flanged rollers 30, which in turn roll on track 16, one set of rollers being double, as shown in Figs. 4 and 7, to hold the movable stool frame upon upper track 16. Roller supports 29 are so constructed that they do not interfere with lateral track supports 19, the roller supporting members being on the outer side of the track 19 at all times, as shown best in Fig. 8. The lower portion of tube 24 has formed thereon a roller support 31 adapted to rotatably carry flanged roller 32, which in turn rolls upon lower track 17. A housing 33 is secured to section 27 of frame 21 and is provided to house rollers 30, and move therewith to prevent said rollers coming into contact with the clothing of the operator or person being worked upon.

It is to be noted, Fig. 4, that the tubular stool

support 24 is bent to allow sufficient space from the trackways, 16, 17, so that the operator may sit comfortably thereon and have sufficient leg room to allow the seat to move freely upon its tracks.

So that the complete stool assembly may be moved from its trackways for repairs, or should the operator choose to stand while working and desire the stool member off the trackways, there is provided a section of removable trackway 34, Figs. 2, 3 and 5, the same comprising a section of the upper trackway 16, said section 34, when in operating alignment with track 16, being held in place by means of slideable bolt member 35 which may be quickly moved to one side to withdraw the bolt and allow the section to be lifted out of the trackway 16.

Fig. 9 discloses a trackway 16 formed circular in place of the substantially rectangular trackway shown in Figs. 1 and 2 of the drawings, and Fig. 10 discloses the device secured to the conventional barber chair found in most barber shops today. The trackway 16 here is supported by means of lateral supports radiating from a sleeve or base member found on most conventional barber chairs, and the lower trackway 17 is supported by means of radial supporting members 36, which take the place of the lateral supports which hold the lower trackway to the leg members of the preferred construction. With this construction the chair is still self-contained, the stool being entirely supported by the barber chair per se which eliminates the use of wheels or other floor supporting members which would leave marks on carpets or linoleum.

The manner in which the device operates is as follows:

Should the stool assembly be disengaged from its trackways, the user need only move bolt member 35 in the slot provided therefor and remove section 34 of upper trackway 16. With this section 34 removed, flanged wheel 32 is then placed upon lower trackway 17 provided to support same, and flanged wheels 30 may be slipped onto upper trackway 16, the opposed wheels of bracket 29 riding one directly above the other so that the stool assembly cannot pull loose from upper trackway 16. The removable section 34 is then returned to track 16 and the device is ready to use.

The seat and tool box assembly 24 is so designed that a portion of the tube forming same, 27, rests upon and is welded to supports 28, which in turn are part of the wheel assembly, so that the entire assembly may be moved as an integral whole about the trackways in a horizontal plane.

As shown best in Fig. 3, the seat 18 and tool box 22 are so positioned that the user can sit comfortably away from the chair proper a sufficient distance so that the subject in the chair can be worked upon. By a simple turn of wing nut 25, Fig. 4, seat frame 20 may be raised or lowered to the desired height, and once the position desired has been selected, wing nut 25 can again be turned to engage the selected groove 26, Fig. 6, which in turn holds tube section 23 rigid. Roller supports 29 are so formed that they ride outside of track 16 and support 31 above track 17 so that they at no time interfere with lateral supports 19 and the stool assembly is free to roll around the trackways 16, 17, upper rollers 30 riding upon track 16 and lower roller 32 on lower track 17. The tool box 22 is conveniently placed adjacent seat 18 so that the tool needed is at hand when desired. By placing one foot on the floor the user may push himself in a horizontal plane to the spot desired on the trackways.

The modified form shown in Fig. 9 is the same in principle as the above disclosure, the trackway here being circular, and, as shown in Fig. 10, the device is applied to the modern barber chair wherein the upper trackway 16 is secured to a sleeve on the pedestal of the chair and the lower trackway 17 is supported by means of supports 36, but the stool assembly moves about the trackways as above described.

I have disclosed herein a new and improved beauty operator's chair, simple in design, yet unique, inasmuch as there is provided a self-contained chair member having movably secured thereto a stool and work-box assembly which may be moved about said chair upon track members wholly carried thereby, so that no moving support at any time touches the floor or carpeting to deface same. Should the operator wish to use the stool alone, free from the stool assembly, or should the stool assembly need repair, it can be quickly disengaged from its trackways by simply removing a portion of one of the trackways.

While I have described and illustrated a satisfactory installation that has proven highly successful in practical operation, it will be understood that the invention is not limited to specific constructional details shown and described, but that many changes, variations and modifications may be resorted to without departing from the principles of the invention.

I claim:

1. A chair for barber and beauty operator use comprising a frame supporting an upper and lower trackway, a movable stool assembly mounted upon said trackways, said stool assembly comprising a frame having a plurality of flanged rollers riding upon said upper trackway, said frame having a portion thereof extending downwardly and having secured thereto a flanged roller riding upon said lower trackway, means for raising and lowering said stool, said upper trackway having a removable section therein to provide means whereby said stool assembly may be disengaged from said trackways.

2. A chair for barber or beauty operator use comprising a frame supporting a pair of superimposed tubular trackways, a movable stool and tool box assembly mounted upon said trackways, said assembly comprising a frame to support said stool and tool box, a plurality of flanged rollers rotatably mounted upon single sided brackets secured to said frame assembly and rolling upon one of said trackways while supporting said framework, said framework having a downwardly projecting member terminating in a single sided bracket rotatably supporting a flanged roller rolling upon the other of said trackways, means for adjusting the height of said stool and a removable section in one of said trackways to allow the removal of said stool and tool box assembly from said trackways.

J. WHITNEY ADAMS.

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