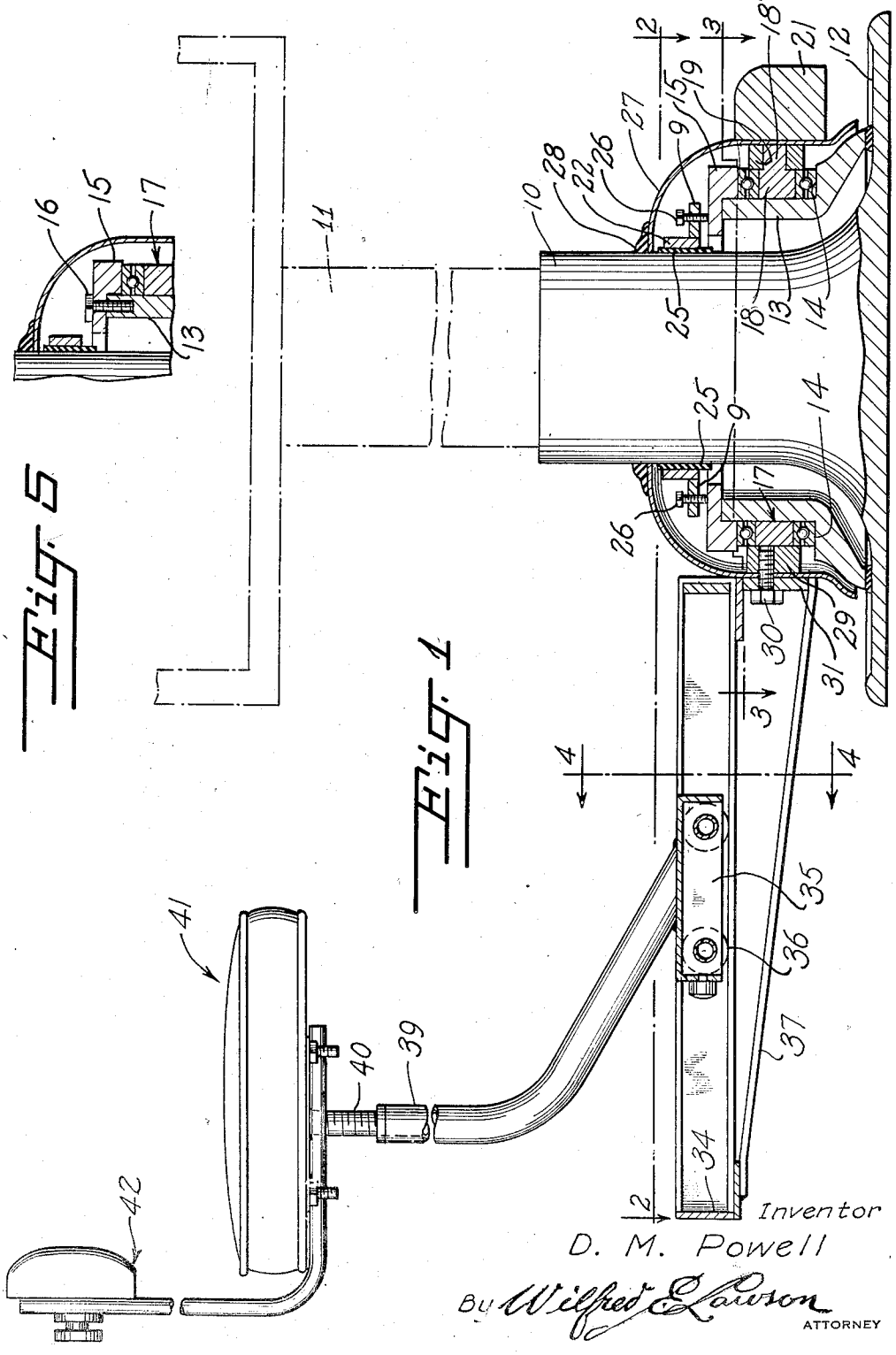
Dec. 11, 1951 D. M. POWELL 2,578,373

ROTARY SEAT ATTACHMENT FOR BARBERS' CHAIRS

Filed Nov. 4, 1948 2 SHEETS—SHEET 1



Dec. 11, 1951 D. M. POWELL 2,578,373

ROTARY SEAT ATTACHMENT FOR BARBERS' CHAIRS

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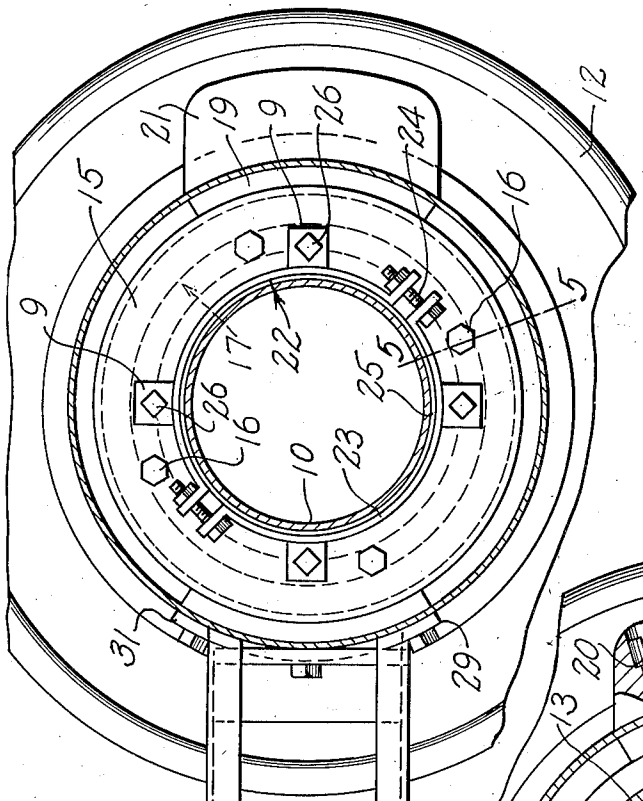


Fig. 2

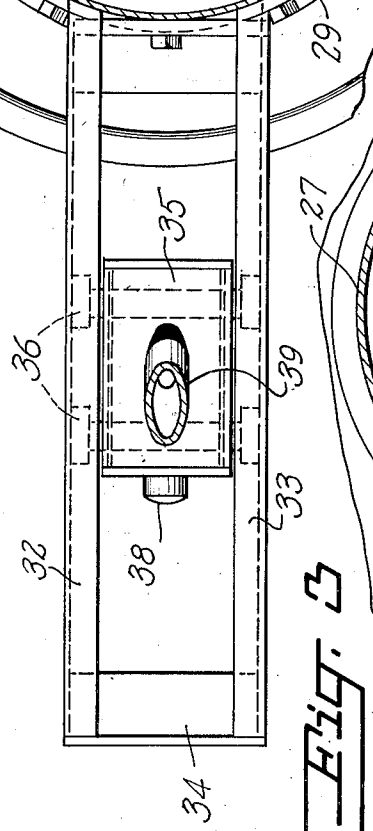


Fig. 3

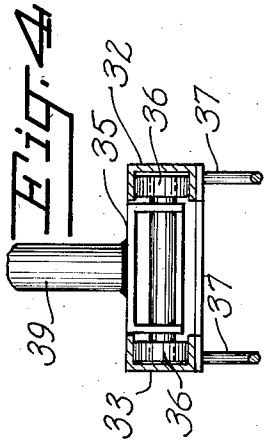
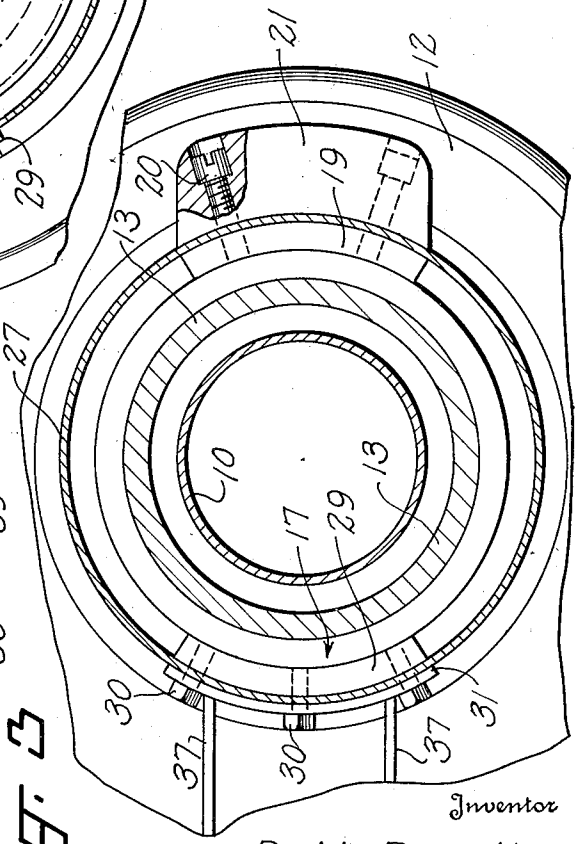


Fig. 4



Inventor

D. M. Powell

By Wilfred E. Lawson

ATTORNEY

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ROTARY SEAT ATTACHMENT FOR BARBERS' CHAIRS

David M. Powell, La Junta, Colo., assignor to Powell and Richert, Inc., La Junta, Colo.

Application November 4, 1948, Serial No. 58,175

3 Claims. (Cl. 155—81)

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This invention relates to a chair used by barbers, beauticians, and the like, and more particularly to an attachment for the chair whereby the operator may be seated while working.

The present invention is an improvement over my Patent 2,440,644, granted April 27, 1948, and wherein there are included certain very important additions and alterations.

One of the important objects of the present invention is the elimination and alteration of certain parts, thus making the device simpler and less expensive to manufacture.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this application, and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a view partly in section and partly in elevation illustrating a chair structure according to the present invention, the main chair being diagrammatically illustrated;

Figure 2 is a sectional view taken on the line 2—2 of Figure 1;

Figure 3 is a sectional view taken on the line 3—3 of Figure 1;

Figure 4 is a sectional view taken on the line 4—4 of Figure 1;

Figure 5 is an enlarged sectional view taken on the line 5—5 of Figure 2.

Referring in detail to the drawings, the numeral 10 designates a column for supporting a conventional main barber chair 11 (broken lines, Figure 1). The lower portion of the column 10 is provided with an annular flange 12 for supporting the chair on a horizontal supporting surface.

Arranged in surrounding relation with respect to the column 10 and supported on the flange 12 is an annular sleeve 13 which is provided with an annular shoulder 14 on its exterior surface. Positioned on the sleeve 13 is an annular collar 15, there being a plurality of cap screws 16 extending through the collar 15 and into the sleeve 13 for securing the same together.

An annular bearing race 17 is interposed between the overhanging portion of the collar 15 and the shoulder 14 and has its top and bottom portions respectively secured thereto, as by welding. The intermediate portion 18 of the bearing race 17 is freely rotatable within the outer portions thereof and carries a radially directed flange 18'. Fastened in a suitable manner to the top and bottom sides of the flange 18' are the blocks 19 and secured to the blocks by suitable

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screws 20 is a weight 21 for counterbalancing the weight of the rotary seat attachment.

Arranged above the collar 15 is an annular clamp 22 which comprises two arcuate sections 23 which are secured together around the column 10 by nut-and-bolt assemblies 24. Interposed between the clamp 22 and the column 10 is a strip of rubber 25 for preventing the clamp from scarring the column. The clamp 22 carries a plurality of lugs 9 which carry vertical screws 26 which engage the top of the collar 15. These screws 26 are employed for leveling and holding down the sleeve and collar assembly. A cover 27 surrounds the column 10 and is spaced therefrom for protecting the various parts of the device from contamination, there being an annular resilient sealing member 28 arranged at the juncture of the cover 27 and column 10.

Arranged 180° apart from the first blocks 19 is a second block 29 which is also operatively connected to the intermediate rotatable portion 18 of the bearing race 17. Secured to the block 29 by bolts 30 is a plate 31. Projecting outwardly from the plate 31 and secured thereto is a pair of spaced, parallel tracks 32 and 33 fabricated of suitable channel iron and having a stop member 34 secured across the outer ends thereof. A carriage block 35 positioned between the channel tracks 32 and 33 is provided with a plurality of rollers 36 which are positioned in the channels upon the lower flanges thereof for the movement of the carriage block 35 along the tracks 32 and 33. A pair of inclined braces 37 have one end secured to the plate 31 and their other end connected to the tracks for supporting or bracing the latter. A nose 38 is secured to the carriage block 35 for abutting the stop member 34 to limit outward movement of the block.

A tubular seat post 39 has one end secured, as by welding, to the top of the carriage block 35, the other end of the post 39 being threaded interiorly to provide a socket for receiving therein a threaded rod 40. The upper end of the rod 40 is secured to the bottom of a seat 41 for supporting a barber thereon. The seat 41 is provided with a back rest 42 for comfortably supporting the back of the occupant.

From the foregoing, it will be apparent that a convenient and useful rotary seat attachment has been provided which can be readily attached to a new barber chair, and the like. The seat 41 supports the barber while working, and may be rotated in a clockwise or counter-clockwise direction about the main barber chair 11. By means of the rod 40 being in threaded engage-

ment with the post 39, the height of the seat 41 can be quickly and easily adjusted as desired.

As many embodiments may be made of this inventive concept, and as many modifications may be made in the embodiment hereinbefore shown and described, it is to be understood that all matter herein is to be interpreted merely as illustrative and not in a limiting sense.

I claim:

1. In a rotary seat attachment for a barber chair, the combination with a vertically disposed column for supporting a main chair, of a sleeve supported in spaced concentric relation with and about said column, the sleeve having an external annular shoulder, an annular bearing race supported on said shoulder and having its bottom secured thereto, a collar arranged in surrounding relation with respect to said column and secured to the top of said sleeve and bearing race, a counterweight operatively connected to the intermediate rotatable portion of said bearing race, a block arranged in diametrically opposed relation to said counterweight and operatively connected to the rotatable intermediate portion of said bearing race, a pair of spaced parallel substantially horizontal tracks projecting from and secured to the said block, a carriage block mounted for sliding movement in said tracks, a seat post having one end secured to said carriage block, a seat arranged above said post, and means operatively connecting said seat to said seat post.

2. In a rotary seat attachment for a barber chair, the combination with a vertically disposed column for supporting a main chair, of a sleeve supported in spaced concentric relation with and about said column, the sleeve having an external annular shoulder, an annular bearing race supported on said shoulder and having its bottom secured thereto, a collar arranged in surrounding relation with respect to said column and secured to the top of said sleeve and bearing race, a counterweight operatively connected to the intermediate rotatable portion of said bearing race, a block arranged in diametrically opposed relation to said counterweight and operatively connected to the rotatable intermediate portion of said bearing race, a pair of spaced parallel substantially horizontal tracks projecting from and secured

to the said block, a carriage block mounted for sliding movement on said tracks, a seat post having one end secured to said carriage block, a seat arranged above said post, means operatively connecting said seat to said seat post, a clamp positioned about said collar and embracing said column, and a plurality of leveling screws projecting through said clamp and engaging said collar.

3. In a rotary seat attachment for a barber chair, the combination with a vertically disposed column for supporting a main chair, of a sleeve supported in spaced concentric relation with and about said column, an annular shoulder exteriorly of and carried by said sleeve, an annular bearing race encircling the sleeve above said shoulder, said bearing race including an upper, a lower and an intermediate portion, said lower portion being secured on the shoulder, a collar in surrounding relation with said column and secured to the top of said sleeve and having a portion overlying said shoulder, the upper portion of the race being secured to the portion of said collar which overlies said shoulder, a counterbalance weight operatively connected to the intermediate rotatable portion of said bearing race, a block positioned in diametrically opposed relation to said counterbalance weight and operatively connected to the rotatable intermediate portion of said bearing race, a pair of spaced parallel substantially horizontal channel bars secured to and projecting from said block with the channels facing each other, said bars forming tracks, a carriage block disposed between said tracks, rollers carried by said carriage block and positioned in the channels to roll on flanges of the latter, a seat post having one end secured to said carriage block, and a seat mounted on said post.

DAVID M. POWELL.

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