July 8, 1952 E. A. ALLOWAY 2,602,485

BARBER UNIT

Filed Oct. 21, 1949

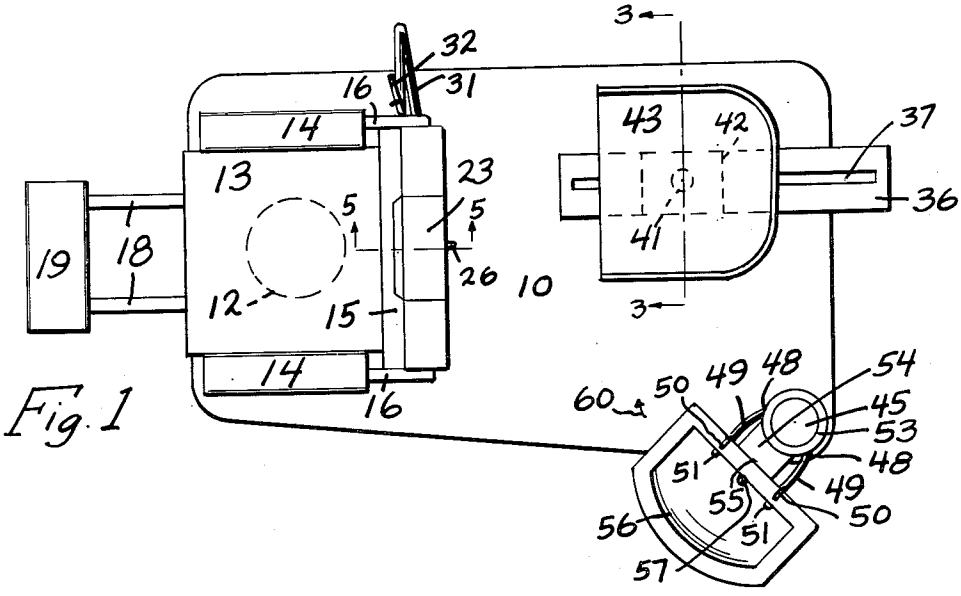


Fig. 1

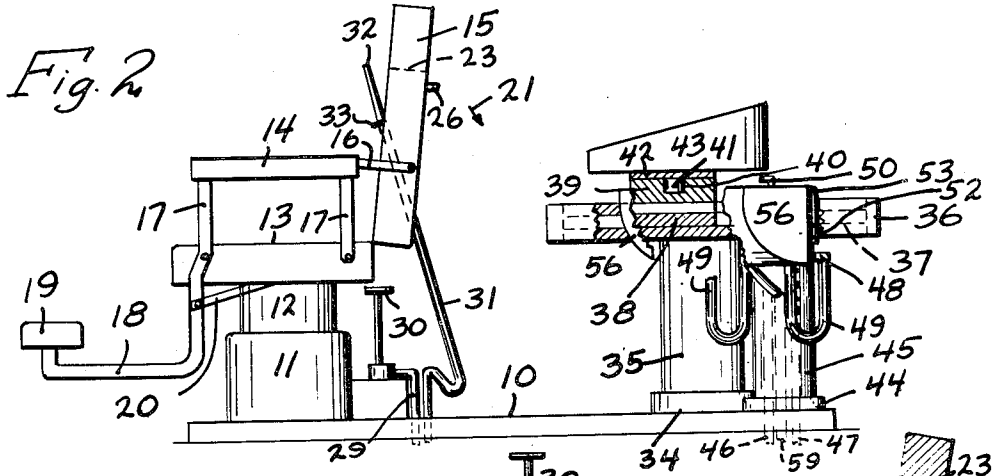


Fig. 2

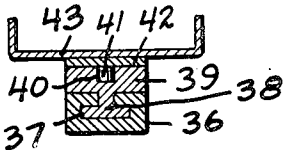


Fig. 3

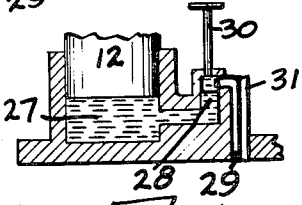


Fig. 4

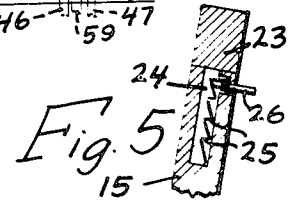


Fig. 5

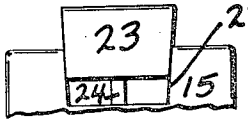


Fig. 6

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BARBER UNIT

Elmer A. Alloway, Sioux City, Iowa

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1 Claim. (Cl. 155—1)

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My invention relates to a unit for barber shops.

An object of my invention is to provide a complete unit mounted on a single base, upon which base is secured a seat for the barber himself to occupy, and upon which base is further secured a wash basin which can be used for the various purposes required.

A further object of my invention is to provide the chair occupied by the barber with means whereby the chair or seat can be adjustably positioned longitudinally or can be pivoted as required.

A further object of my invention is to provide means for allowing swinging of the wash basin to any desired position.

A further object of my invention is to provide an adjustable head rest in the barber chair itself, which head rest normally is positioned within the confines of the back rest of the chair.

A further object of my invention is to provide an air blowing arrangement which can work in cooperation with the hydraulic arrangement for raising the barber chair.

A further object of my invention is to provide the foregoing objects in a simple construction.

With these and other objects in view, my invention consists in the construction, arrangement, and combination of the various parts of my device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claim, and illustrated in the accompanying drawings, in which:

Figure 1 is a plan view of the unit,

Figure 2 is a side elevation of the unit,

Figure 3 is a sectional view taken along the lines 3—3 of Figure 1,

Figure 4 is a detail of a portion of the hydraulic arrangement,

Figure 5 is a sectional view taken along the lines 5—5 of Figure 1, and

Figure 6 is a forward view of Figure 5 and showing the head rest in an elevated position.

My invention contemplates the provision of a complete tonsorial unit wherein the barber himself can be seated while working upon the customer, and whereby he can also readily adjust himself to any position required, and to further provide means whereby a wash basin can be swung to the necessary position when the back of the barber chair is tilted downwardly, all of these means making it less tiring and more convenient for the barber.

I have used the character 10 to designate the base of the unit which is preferably made in a single piece, and attached to the base 10 is the

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cylinder 11 in which is placed the hydraulic piston or plunger 12 upon which is secured the seat 13 of the barber chair, having the arm rests 14, and the back 15. The member 15 is linked to the member 14 by means of the links 16, and the arms 14 include the pivotally attached members 17 attached thereto which merge into the forwardly extending rods 18 which are attached to the foot rest 19, with the rod 20 of the usual construction being provided to shift the entire arrangement so that the back rest 15 will pivot downwardly in the direction of the arrow 21. The back rest 15 includes a cavity at 22 or a cut out portion in which is normally seated a head rest member 23 which is attached to a rod 24 having the serrated teeth 25 for engagement with the spring urged rod 26. By virtue of this arrangement the rod 26 can be pulled outwardly and the head rest 23 can be raised to any desired position, such as is shown in Figure 6. thereby providing an arrangement whereby the head rest normally is flush with the back rest 15. The plunger 12 is raised by means of a supply of oil 27 (see Figure 4) which oil communicates at 28 with a suitable further cylindrical portion, with a compressed air line 29 communicating with the portion 28 which line is regulated by means of the valve 30.

Manipulation of the valve 30 will allow compressed air to enter into the hydraulic arrangement and will raise the plunger 12 and the entire barber chair, release of the valve 30 allowing the air to dissipate through a proper port whereby the chair will gravitate downwardly.

A further air line in the form of a flexible lengthened rubber tube 31 is provided which communicates with the same source as the further air line, such source which can be an air pressure tank etc., the tube 31 communicating with a nozzle 32 having a control valve handle 33, this unit supplying means for blowing air under pressure around the customer's neck etc., for removing excess hair and the like.

Attached at 34 to the base 10 is a vertical post 35 which is attached to a lengthened track 36 having a vertical T-shaped channel portion 37, and received in the channel portion 37 is a similarly shaped member 38 which is attached to a plate 39. The plate 39 includes an opening at 40 in which is placed the vertical pin 41 which is attached to a plate 42 which plate 42 is attached to the seat 43, the seat 43 being slightly to one side of the right as shown in Figure 1, the pin at 41 thereby allowing the seat to pivot in any direc-

tion. The track 37 also permits the seat to be moved forwardly or rearwardly for the necessary adjustment corresponding to the needs of the barber.

Attached at 44 to the base 10 is a hollow upright tube 45 through which tube passes a hot water supply pipe 46 and a cold water supply pipe 47 which pipes pass outwardly through the walls of the tube 45 at 48 where they communicate with the flexible rubber tubes 49 which are looped as shown, the tubes 49 passing upwardly and communicating with the faucet valves 50 which control the water supply through the faucets 51, this construction thereby providing means for supplying hot and cold water as required.

Attached to the vertical tube or pipe 45 is a cylindrical collar 52 upon which rests an annular bearing member 53 which bearing member receives the upper end of the pipe 45, and attached to the bearing member 53 is an arm 54 to which arm is secured at 55 the wash basin 56. Communicating with the wash basin 56 at 57 is the flexible drain pipe 58 which communicates with the further drain connection 59, the drain connection 59 also passing within the pipe 45. It will be seen from this construction that the wash basin can be swung about the pipe 45 as a center in any direction, and in the direction of the arrow 60 when it is desired to wash the hair of the customer and the like, the positioning of the basin in this manner being made after the back rest 15 is tilted downwardly, which will place the rear of the head of the customer and the basin in alignment.

It will now be seen that the customer can be placed in any desired position by pivoting the chair about the plunger 12 in the usual manner, or by tilting the back 15 downwardly. It will be seen further that the wash basin is ready for use and directly adjacent to the barber rendering it convenient and useful for this purpose, and it will be seen further that the barber himself can swing the chair to any desired position and move it longitudinally to correspond to the position of the customer.

For instance when the back 15 of the chair is swung downwardly the seat 43 can be moved rearwardly, and when the barber chair itself is pivoted toward the wash basin, the barber can rotate his chair to the necessary position.

In the above described manner therefore, any variety of positions can be secured consistent with the type of work which is to be done whether the hair is to be cut, washed, etc. It will be understood furthermore that if desired the usual type of hydraulic raising arrangement can be employed by using a small hand-operated pump.

It will now be seen that I have provided the advantages mentioned in the objects of my invention with further advantages readily apparent.

Some changes may be made in the construction and arrangement of the parts of my invention without departing from the real spirit and purpose of my invention, and it is my intention to cover by my claim any modified forms of structure or use of mechanical equivalents which may be reasonably included within their scope.

I claim as my invention:

A barber unit comprising a base, a raisable barber chair attached to said base, an auxiliary chair, a support attached to said base, said support having a lengthened track, a block including an extending portion received in said track, said auxiliary chair being pivotally mounted on said block and said auxiliary chair being positioned rearwardly of said barber chair.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
963,595	Lerro	July 5, 1910
1,113,198	Cornacchia	Oct. 13, 1914
1,714,696	Sameulian	May 28, 1929
2,449,385	Johnson et al.	Sept. 14, 1948