

Aug. 16, 1927.

1,639,194

J. E. LASATER

BARBER'S CHAIR HEADREST

Filed Feb. 18, 1926

2 Sheets-Sheet 1

Fig. 1.

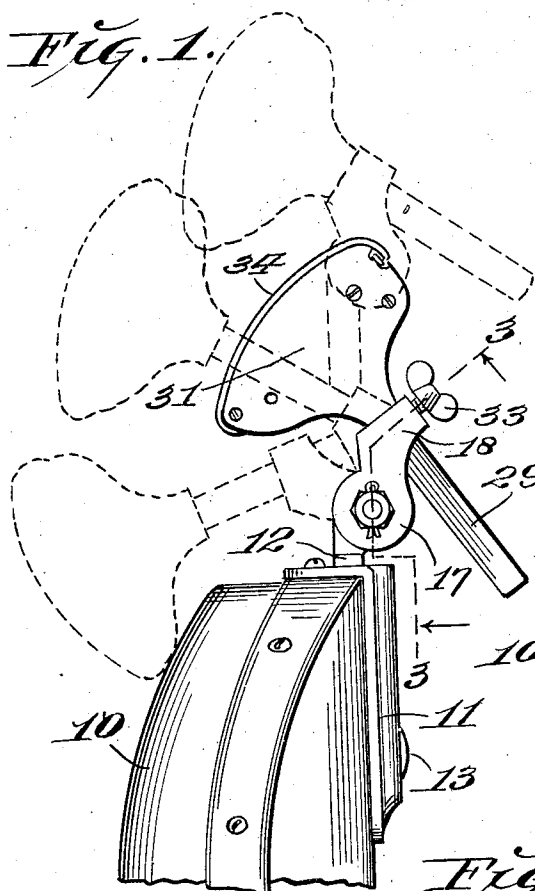


Fig. 2.

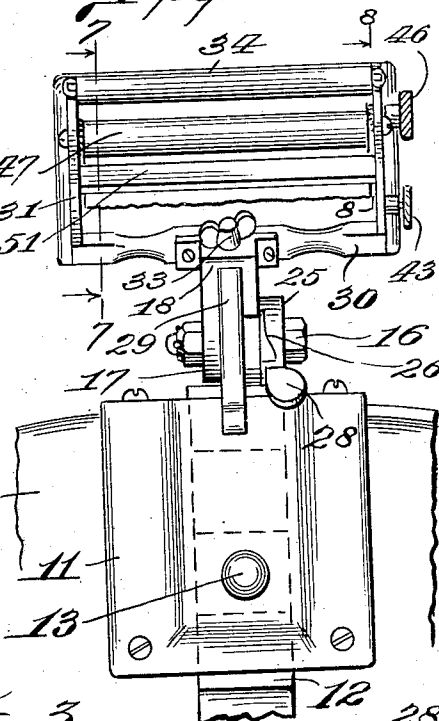


Fig. 3.

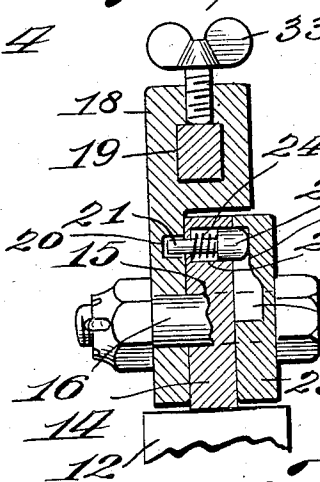


Fig. 4.

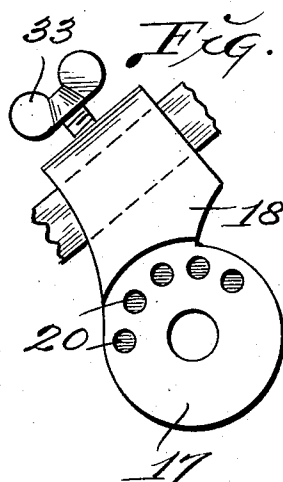
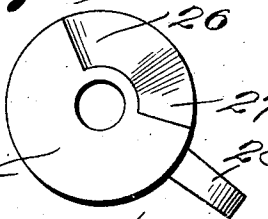


Fig. 6.



Fig. 5.



Inventor:-
John E. Lasater,
By Martin Smith, atty.

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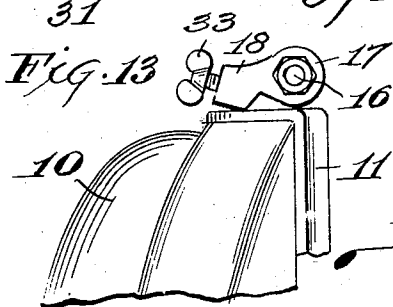
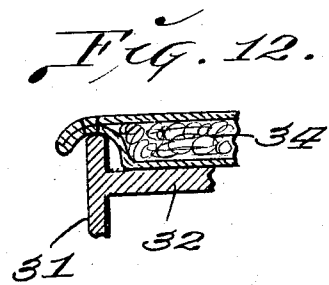
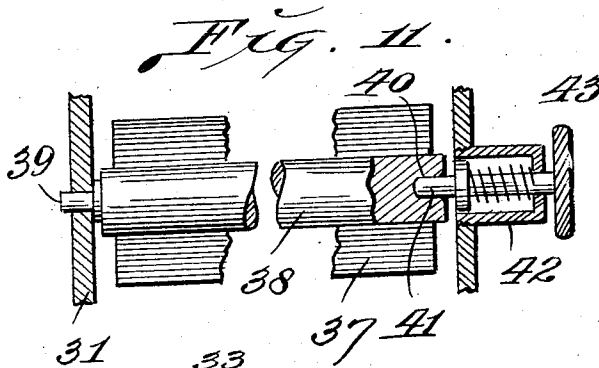
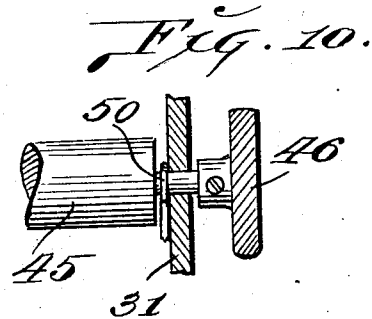
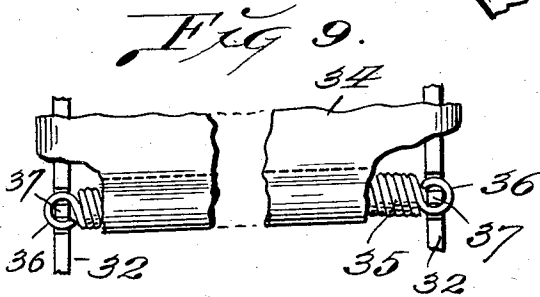
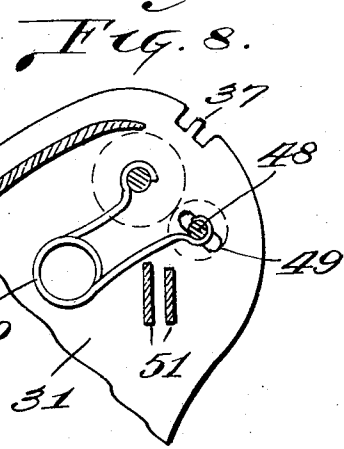
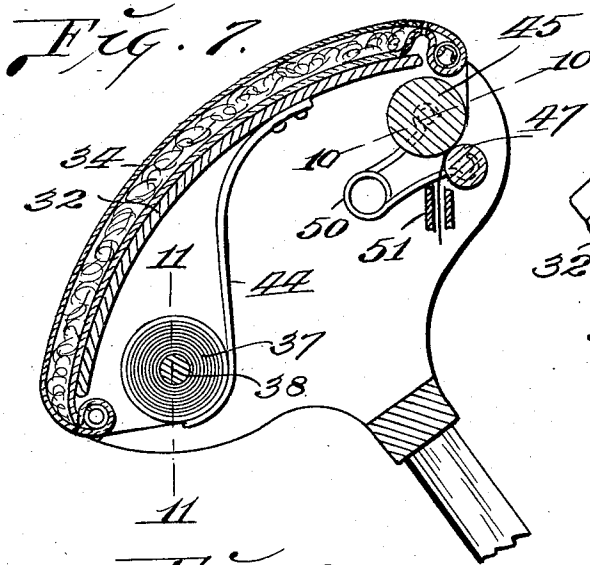
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2 Sheets-Sheet 2



Inventor
John E. Lasater.
By Martin C. Smith, Atty.

UNITED STATES PATENT OFFICE.

JOHN E. LASATER, OF LOS ANGELES, CALIFORNIA.

BARBER'S-CHAIR HEADREST.

Application filed February 18, 1926. Serial No. 89,023.

My invention relates to a head rest for barbers' chairs and has for its principal objects the provision of a relatively simple and practical head rest that is mounted so that it has a wide range of adjustability in order that the head of the occupant of the chair may be comfortably and conveniently supported; to provide a barber's chair head rest that may be easily and quickly manipulated when adjusted to different positions; and further, to provide a device of the character referred to that is inexpensive of manufacture and which will be very effective in performing its intended functions.

With the foregoing and other objects in view, my invention consists in certain novel features of construction and arrangement of parts that will hereinafter be more fully described and claimed and illustrated in the accompanying drawings, in which—

Fig. 1 is a side elevational view of the upper portion of the back of a barber's chair and showing my improved head rest applied thereto.

Fig. 2 is a rear elevational view of the head rest in position on the chair back.

Fig. 3 is an enlarged vertical section taken approximately on the line 3—3 of Fig. 1.

Fig. 4 is an enlarged view of the adjustable member of the device that carries the head rest proper.

Fig. 5 is an elevational view of an manually operable member that is utilized for securing the head rest carrying member in its adjusted position.

Fig. 6 is a top plan view of the latching member.

Fig. 7 is an enlarged vertical section taken approximately on the line 7—7 of Fig. 2.

Fig. 8 is an enlarged vertical section taken approximately on the line 8—8 of Fig. 2.

Fig. 9 is a detail top plan view showing the means used for connecting one end of a pad to the head rest.

Fig. 10 is an enlarged cross section taken approximately on the line 10—10 of Fig. 7.

Fig. 11 is an enlarged cross section taken approximately on the line 11—11 of Fig. 7.

Fig. 12 is a detail section showing a portion of the head rest and the pad that is carried thereby.

Fig. 13 is an elevational view of the upper portion of a barber's chair with the head rest removed as is required during hair-cutting operations and with the head rest supporting

member shifted into an out-of-the-way position.

Referring by numerals to the accompanying drawings which illustrate a practical embodiment of my invention, 10 designates the back of a barber's chair to the upper rear portion of which is secured a plate or housing 11 that contains the usual spring-held pawl that is utilized for locking a vertically adjustable ratchet plate 12 at different elevations and said spring-held pawl being released by means of a push button 13 that operates through the lower portion of plate 11. The parts just described are of standard construction and are found on practically all makes of barbers' chairs.

In order that the vertically adjustable ratchet bar 12 may serve as a support for my improved head rest, I provide on the upper end of said ratchet bar a disk 14 having a centrally arranged aperture 15 for the reception of a pin or bolt 16 and journaled on said pin or bolt and positioned immediately adjacent to one side of disk 14 is a disk 17 with the edge of which is formed integral an outwardly projecting block 18 through which is formed a square or non-circular aperture 19.

Formed in the inner face of disk 17 is a series of apertures 20 that are adapted to receive the end of a latching pin 21, the latter being arranged for sliding movement through an aperture 22 that is formed through disk 14 and the end of this pin opposite the end that engages in the aperture 20 is provided with a head 23. Arranged on the pin 21 between the head 23 and a shoulder within aperture 22 is an expansive coil spring 24, the normal tendency of which is to move the pin 21 through aperture 22 in a direction away from the disk 17.

Mounted on pin or bolt 16 and on the opposite side of disk 14 from disk 17 is a latching disk 25 in the inner face of which is formed an arcuate recess 26, one end of which is considerably deeper than the other so as to form a pocket 27. Projecting outwardly from the edge of this disk 25 is an ear 28 that is adapted to be manually engaged when the disk is rotated to effect the latching or unlatching operations.

The outer face of the head 23 of pin 21 occupies the arcuate recess 26 and when disk 25 is rotated so that the surface of the shallow portion of recess 26 bears against head 23, the pin 21 will be forced through

disk 14 so that the point of said pin will occupy one of the recesses 20 in plate 17 thereby locking the same against rotary movement.

5 When disk 25 is rotated so that the head 23 of the latching pin occupies the relatively deep pocket 27 at one end of the recess 26, the spring 24 that is associated with the latching pin moves the latter through
10 disk 14 so that the point of said pin is withdrawn from the recess 20 in which it has been positioned, thereby permitting the disk 17 and parts carried thereby to be freely rotated upon disk 14.

15 Arranged to slide freely through aperture 19 in block 18 is a bar or shank 29, the upper end of which is secured to a cross bar 30 and projecting upwardly from the ends of this cross bar are the end plates 31 of the
20 head rest, the upper portions of said plates being connected by a transversely curved plate 32.

Screw-seated in block 18 and adapted to bear on shank 29 is a set screw 33, which
25 when tightened very securely locks the shank to block 18.

The lower edge of a pad 34, preferably formed of two layers of leather or fabric and an interposed layer of curled hair or
30 padding, is suitably connected to the lower portions of side plates 31 just below the lower edge of plate 32 and said pad, when in position for use, overlies said curved plate 32 and with its edges overlying the upper
35 edges of the side plates 31 as illustrated in Fig. 12. The upper edge of this pad encloses a longitudinally disposed coil spring 35, the ends of which are formed into loops 36 and these loops are adapted to engage
40 pins 37 that are formed on the upper edges of side plates 31 just above the upper edge of the plate 32 (see Figs. 8 and 9).

A roll of paper 37 is carried by a spindle 38, one end of the latter being provided with
45 a pintle 39 that engages in a bearing in one of the walls 31 and the opposite end of the spindle 38 is provided with a recess 40 that is adapted to receive the inner end of spring-pressed pin 41 that is arranged for operation
50 in a housing 42 that is carried by the opposite one of the walls 31. The outer end of pin 41 carries a disk 43 that may be engaged when the pin is withdrawn from the end of the spindle to permit the latter to be
55 withdraw or replaced (see Fig. 11).

Secured to the underside of plate 32 is one end of a spring 44, the free end of which is adapted to engage the central portion of the
60 roll of paper 37 that is carried by spindle 38, thereby producing the desired degree of tension on said roll of paper while the same is being unwound.

The ends of feed roller 45 are journaled in plates 31 just below the upper end of
65 curved plate 32 and the pintle or trunnion

on one end of this feed roller extends through the corresponding end plate 31 and carries a small disk or hand wheel 46 that is adapted to be engaged by the thumb and finger when the feed roller is rotated.

70 Arranged below the feed roller 45 and bearing against the periphery thereof is a pressure roller 47 and the pintles 48 on the ends thereof project through slots 49 that are formed in the end plates 31. The pintles
75 48 are engaged by the ends of springs 50 which latter are supported from the pintles of the feed roller 45 and said springs normally force the pressure roller with yielding pressure against the feed roller (see
80 Fig. 8).

The web of paper from roll 37 passes from said roll beneath the roll edge of pad 34, thence upwardly over the entire surface of
85 said pad, thence downwardly between the feed and pressure rollers 45 and 47, and said web of paper then passes between a pair of spaced plates 51 that extend between the end plates 31 just below the pressure roller 47. The lower edge of the outer one of these pair
90 of plates provides a tearing edge against which the web of paper may be engaged when the used portion thereof is torn off.

My improved head rest as described may be adjusted vertically relative to the upper
95 end of the back of the chair by raising or lowering the ratchet plate 12 in the plate or housing 11 and which ratchet plate is retained in the desired elevation by the spring-held pawl that is controlled by push button
100 13. Block 18 which serves as a support for the shank 29 may be adjusted into different radial positions by proper manipulation of the latching disk 25 which controls the latch-
105 ing pin 21, the end of which latter is adapted to engage in any one of the recesses 20 in disk 17.

Thus the head rest proper that is supported by shank or bar 29 may be adjusted into
110 various radial positions relative to the axis formed by the pin or bolt 16 and when the desired adjustment has been secured, the plate 17 carrying block 18, and which latter carries shank 29, may be secured in its ad-
115 justed position by rotating disk 25 so that the face of the shallow portion of recess 26 engages the head 23 of pin 21 and forces the latter into that one of the recesses 20 that coincides with the recess 22 that is oc-
120 cupied by the latching pin.

Further adjustment of the head rest is obtained by moving the shank or bar 29 through block 18 and after said head rest has been thus adjusted, it may be locked by
125 tightening the set screw 33.

Thus the head rest has three separate adjustments which enables the head supporting portion of the device to occupy practically
130 any position within the scope or range of its adjustability and consequently affording

comfort and convenience to the occupant of the chair.

The web of paper from the roll 17 extends over the pad 34 thereby providing a sanitary surface for the head of the occupant of the chair to rest upon and with every succeeding occupant of the chair, the feed roller 45 may be manipulated to draw a fresh portion of the web of paper onto the pad and the soiled or used portion of the paper that feeds downwardly beneath plates 51 may be readily torn off by pulling said paper outwardly so that it engages against the lower edge of the outer one of said plates.

When the occupant of a chair is to be given a hair cut, said screw 33 is released to permit the bodily removal of the head rest and shank 29 and disk 17 and block 18 are now turned forward and downward so as to occupy an out-of-the-way position on top of the back of the chair as illustrated in Fig. 13.

While I have illustrated and described my improved head rest as being especially designed for use on barbers' chairs, it will be understood that the rest with very little if any modifications, may be advantageously used on dental and surgical chairs or in fact on any chair where a comfortable and convenient head rest is desired.

Thus it will be seen that I have provided a barber's chair head rest that is relatively simple in construction and which has a wide range of adjustability, thereby insuring a convenient and comfortable support for the head of the occupant of the chair.

It will be understood that minor changes in the size, form and construction of the various parts of my improved barber's chair head rest may be made and substituted for those herein shown and described without departing from the spirit of my invention, the scope of which is set forth in the appended claims.

I claim as my invention:

1. The combination with a barber's chair, of a member mounted for vertical adjust-

ment on the upper portion of the back of the chair, a disk carried by the upper end of said vertically adjustable member, a spring pressed pin extending through said disk, a member pivotally connected to said disk and provided in its inner face with a series of recesses that are adapted to receive the point of the spring pressed pin, a short shank projecting from said pivotally mounted member, a head rest adjustably carried by said short shank, a manually operable disk pivotally mounted on the side of the first mentioned disk opposite from the side on which the shank carrying member is pivotally arranged, the inner face of which pivotally mounted disk is provided with a recess that receives the head of the spring pressed pin and the bottom of which recess is in the form of a cam having different elevations.

2. A barber's head rest comprising a member that is adapted to be mounted for vertical adjustment on the upper portion of the back of a barber's chair, a disk carried by the upper end of said adjustable member, a spring pressed pin passing through said disk, a second disk pivotally mounted on the side of the first mentioned disk and provided on its inner face with an arcuate row of recesses, any one of which is adapted to receive the point of the spring pressed pin, a third disk pivotally mounted on the side of the first mentioned disk opposite from the side occupied by the second mentioned disk, a handle projecting from said third mentioned disk, the inner face of said third mentioned disk being provided with an arcuate recess, the bottom of which is of cam formation with surfaces in different planes, which recess receives the head of the spring pressed pin, a short arm projecting radially from the second mentioned disk and a head rest adjustably carried by said short arm.

In testimony whereof I affix my signature.

JOHN E. LASATER.