Nov. 6, 1923. 1,473,541

E. BERNINGHAUS

BARBER CHAIR

Filed Nov. 22, 1920

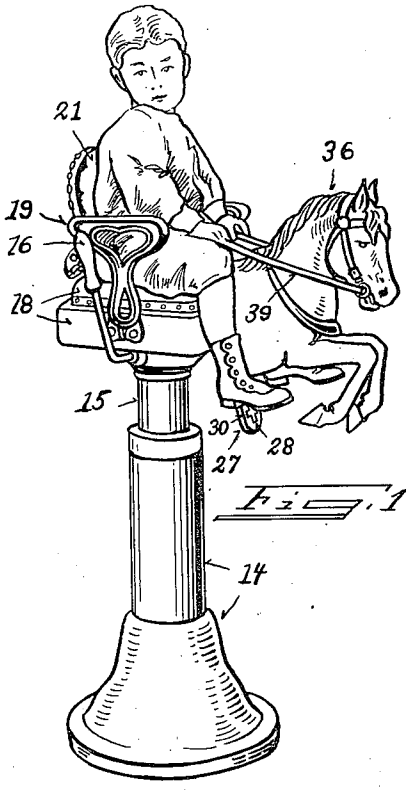


Fig. 1.

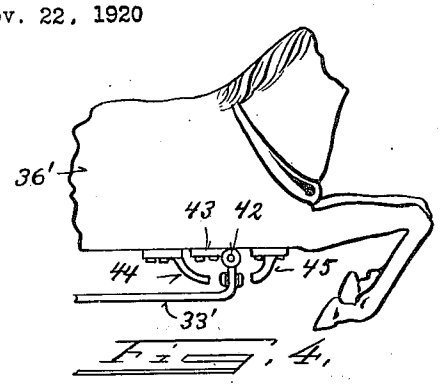


Fig. 4.

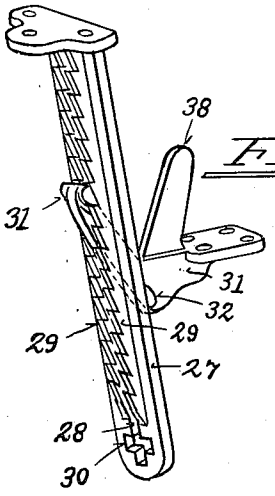


Fig. 3.

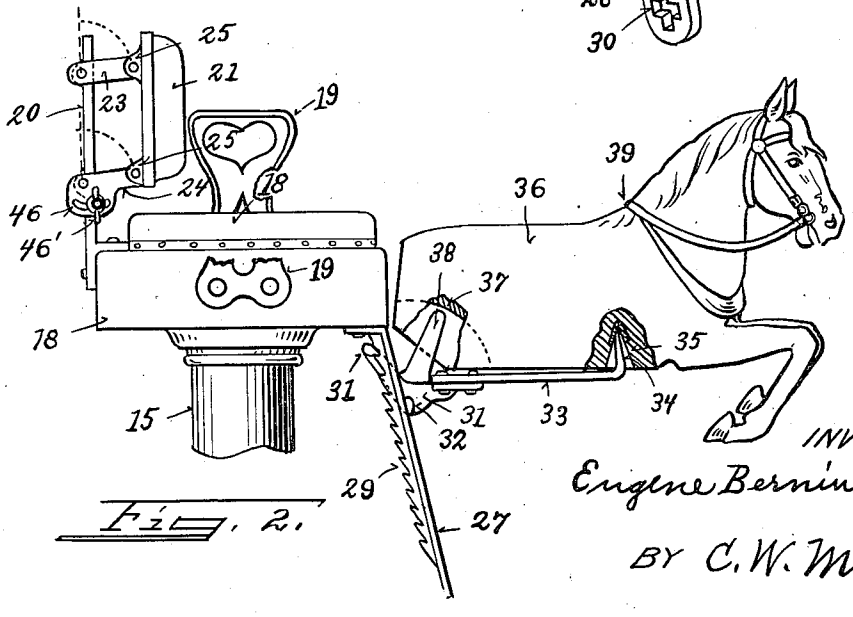


Fig. 2.

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UNITED STATES PATENT OFFICE.

EUGENE BERNINGHAUS, OF CINCINNATI, OHIO, ASSIGNOR TO THE EUGENE BERNINGHAUS COMPANY, OF CINCINNATI, OHIO, A CORPORATION OF OHIO.

BARBER CHAIR.

Application filed November 22, 1920 Serial No. 425,726.

To all whom it may concern:

Be it known that I, EUGENE BERNINGHAUS, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Barber Chairs, of which the following is a specification.

My invention relates to an improved barber chair adapted to be used by children. One of its objects is to provide a barber chair having features adapted to distract the attention of small children from the operations of the barber without materially interfering with its use for larger and older children. Another object is to provide a barber chair for children adjustable to the size of the different children. Another object is to provide a barber chair for children having an image adjustably and detachably mounted in front of the seat adapted to interest a child and distract its attention from the operations of the barber. Another object is to provide with a barber chair an adjustable chair back at the rear of the child and an adjustable image in front of the child, so adjustable toward each other as to adapt them to use with children of different sizes and ages. Another object is to provide with a barber chair an image adjustable as to height with reference to the seat. Another object is to provide with a barber chair an image adapted to be detached from the seat when older children are to be treated. My invention also comprises certain details of form, combination and arrangement, all of which will be fully set forth in the description of the accompanying drawings in which;

Fig. 1 is a perspective view of a barber chair embodying my improvements.

Fig. 2 is a side elevation of the same, partly in section.

Fig. 3 is a detail perspective of the rack and pawl for adjusting the position of the image.

Fig. 4 is a side elevation similar to Fig. 2 illustrating a modification thereof.

The accompanying drawings illustrate the preferred embodiments of my invention, in which 14 represents a chair base, also forming the cylinder of a hydraulic lift of which the member 15 constitutes the standard or plunger. The plunger is hollow, thereby forming a liquid reservoir, and a space in which to mount a hydraulic pump of which 16 is the pump handle. The pump handle has three different positions and functions to perform. In one position of the pump handle the plunger is rigidly locked to the pump cylinder and base. In another position of the pump handle, a valve in the bottom of the plunger is opened to allow the liquid to flow from the lower portion of the cylinder below the plunger back into the chamber in the plunger, thereby allowing the plunger and seat to be lowered. When the pump handle is in another position and is reciprocated the fluid is pumped from the interior chamber of the plunger into the cylinder below the plunger to thereby elevate the plunger and seat.

The seat 18 is rigidly attached to the standard or plunger 15, so as to move upwardly and downwardly therewith. The seat is provided with arms 19 at opposite sides and with an upwardly projecting rigid post 20 at the rear of the seat, to which back-post a back 21 is adjustably attached. The back 21 is preferably attached to the back-post 20 by means of an upper pair of links 23, and a lower pair of links 24, each of said links 23 and 24 being pivotally attached at one end to the back post and at its opposite end pivotally attached to an ear 25 projecting from the rear of the back. Said links act as parallel arms to hold the back in a substantially vertical plane and enable the back to be adjusted from a position in which the links 23 and 24 are in a substantially horizontal position to a position in which the links 23 and 24 are in a substantially vertical position, and to thereby raise and lower the back and to advance and retract the back to adapt the seat to the use of a relatively large and relatively small child. A slot 46 and thumb bolt 46′ enable one of the parallel links 24 to be clamped rigidly to the back-post 20 to lock the back to any adjusted position.

Depending from the front of the seat is a bracket 27 having a slot 28 and a series of rack teeth 29 upon opposite sides of said slot and an opening 30 at one end of said slot through which a dog or pawl 31 may be introduced in position to engage the teeth of the racks. The pawl 31 also has projections 32 to engage the front or plane face of the bracket 27 at opposite sides of the slot 28. In front of the bracket 27 the pawl 31 has

rigidly attached thereto a strap iron member 33 having its outer end 34 bent upwardly and entering a metal faced or shod V shaped recess 35 in the body of an image 36, a hobby horse for instance, which is thereby nearly or practically counterbalanced upon the upturned end of the member 34, which has a limited rocking or tilting movement depending upon the width of the recess 35, and a slight tendency to tilt forward. The body of said image is provided with a slot 37 which is entered by a blade or finger 38 projecting upwardly from the pawl 31, and which serves to hold the body of the image in alignment above the member 34. The bridle 39 is adapted to be grasped by a child seated in the chair and when pulled upon to tilt the body of the image backwardly from which position it returns by gravity. The image is adapted to be freely lifted from the member 34 and finger 38, or replaced thereon at will, and the pawl 31 may be detached from the bracket 27 at will. Also the pawl 31 and image 36 carried thereby are adapted to be adjusted relative to the bracket 27 to different heights relative to the seat and to be held to any adjusted position by engagement of the teeth 31 of the pawl with the rack teeth 29.

By means of the adjustment of the seat back relative to the seat and by means of the adjustment of the image 36 relative to the seat, a variety of positions may be attained suited to the size or age of the child to be treated, and in which the child is well, safely, and firmly seated, and also has immediately before him an image calculated to distract his attention from the movements of the barber. The space at the sides and rear of the seat is unobstructed. Also where older children are to be operated upon the image may be removed, and the back retracted and elevated to provide more seat space for such use. The image may also be utilized to assist in retaining the child in place in the seat.

In the modification Fig. 4 the image 36′ and the arm 33′ are connected together by means of a hinge bolt 42 which passes through an eye formed in the end of member 33′ corresponding to the member 33 of Fig. 2; said hinge bolt also passing through eyes in a hinge member 43 attached rigidly to the body of the image 36′. Stops 44 and 45 engage buffers carried by the member 33′ to limit the tilting movement of the image. In this modification the pawl 31 and image 36′ and arm 33′ are applied and detached from the bracket 27 as a unit.

The apparatus herein illustrated and described is capable of considerable modification without departing from the principle of my invention.

What I claim is:

1. A barber chair comprising a seat, arms at the sides of said seat, a back at the rear of said seat, a bracket depending from the front of said seat, an image supporting member detachably mounted upon said bracket, and an image to occupy the attention of a child mounted upon said supporting member.

2. A barber chair comprising a seat, arms at the sides of said seat, a back at the rear of said seat, a bracket depending from the front of said seat, an image supporting member detachably mounted upon said bracket, and an image movably mounted upon said supporting member and adapted to occupy the attention of a child.

3. A barber chair comprising a seat, arms at the sides of said seat, a back at the rear of said seat, a bracket depending from the front of said seat, an image supporting member adjustably mounted upon said bracket, and an image to occupy the attention of a child mounted upon said supporting member.

4. A barber chair comprising a seat, a back at the rear of said seat, a supporting member depending from the front of said seat, and an image to occupy the attention of a child mounted detachably upon said supporting member.

In testimony whereof I have affixed my signature.

EUGENE BERNINGHAUS.