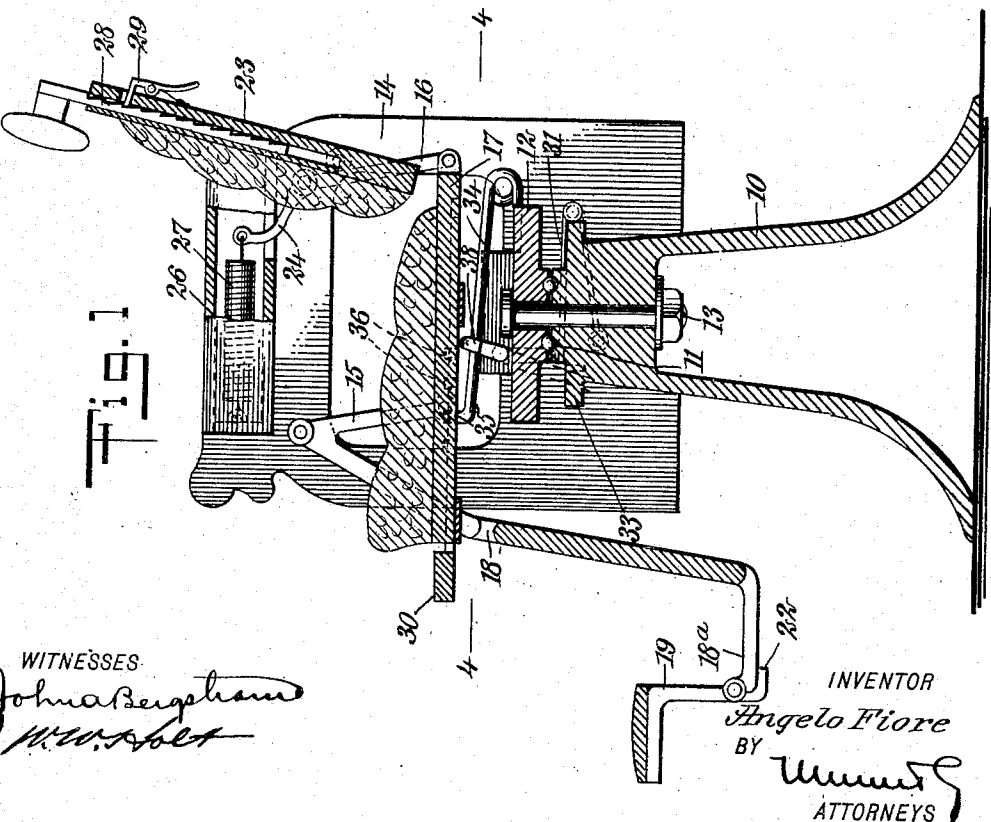
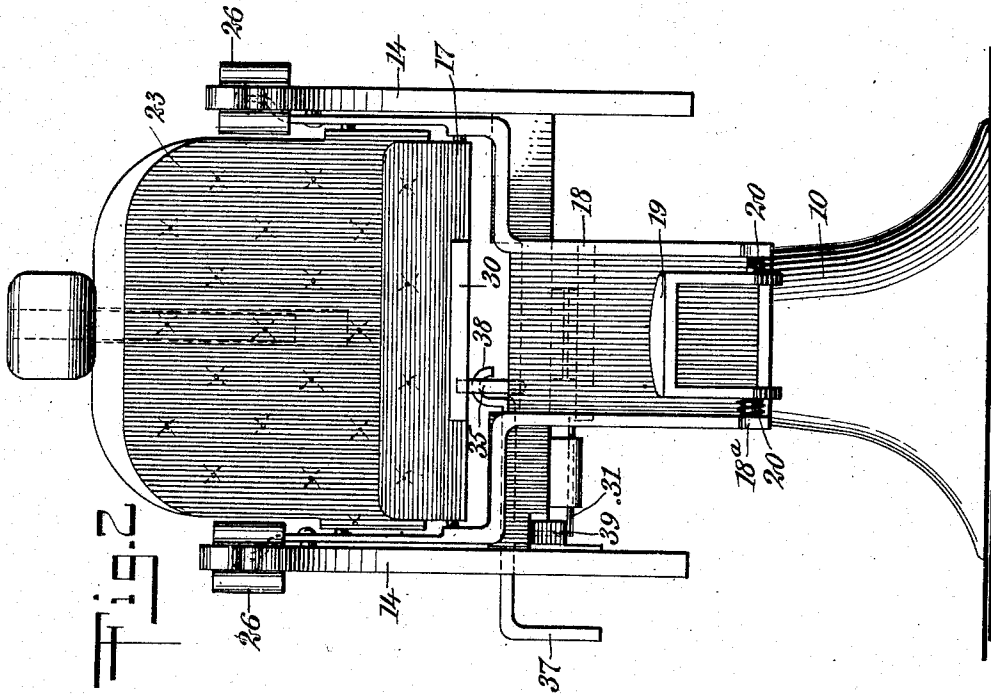


A. FIORE.
 BARBER'S CHAIR.
 APPLICATION FILED SEPT. 14, 1909.

947,015.

Patented Jan. 18, 1910.

2 SHEETS—SHEET 1.



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SHEETS—SHEET 2.

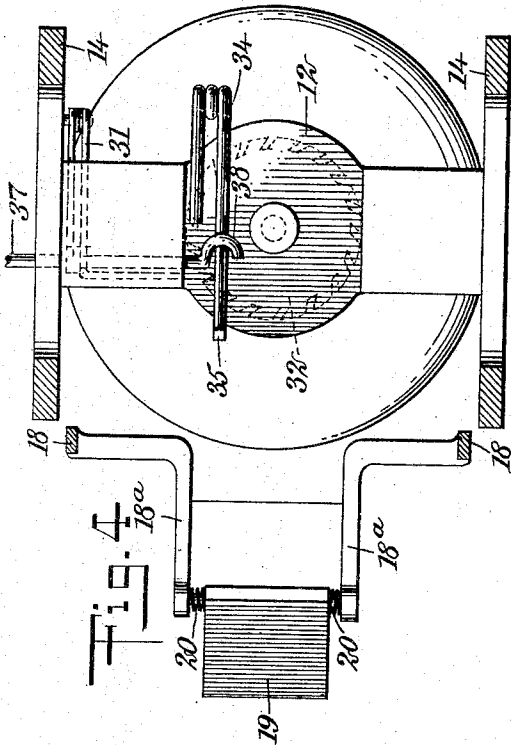


Fig. 4

Fig. 5

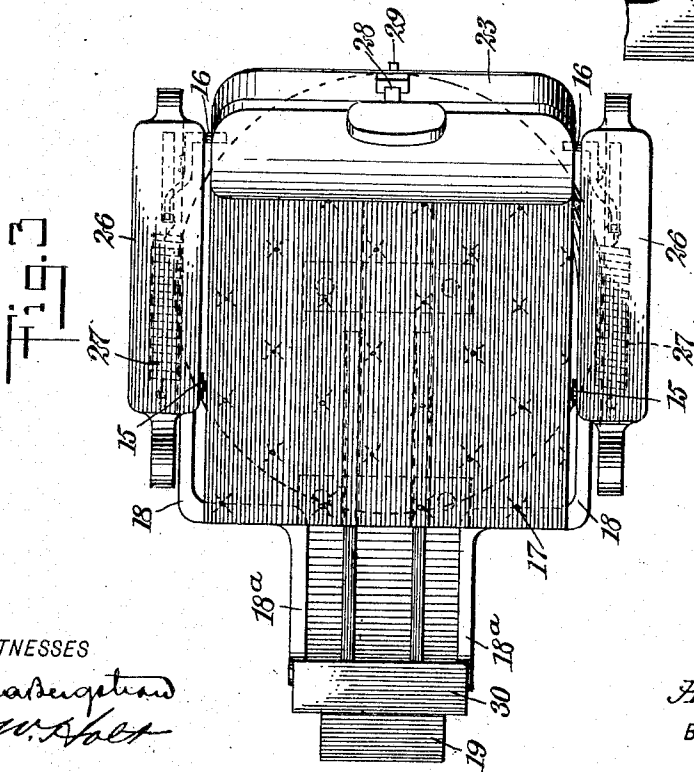
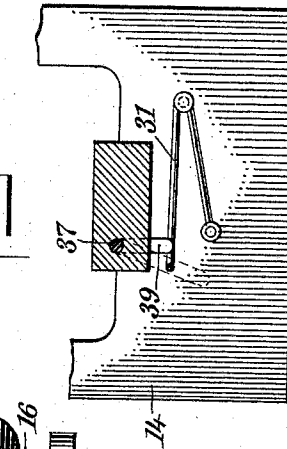
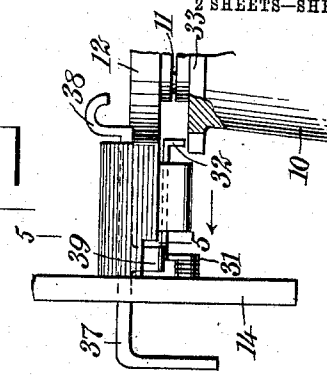


Fig. 3

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UNITED STATES PATENT OFFICE.

ANGELO FIORE, OF TRENTON, NEW JERSEY.

BARBER'S CHAIR.

947,015.

Specification of Letters Patent.

Patented Jan. 18, 1910.

Application filed September 14, 1909. Serial No. 517,580.

To all whom it may concern:

Be it known that I, ANGELO FIORE, a subject of the King of Italy, and a resident of Trenton, in the county of Mercer and State

of New Jersey, have invented a new and Improved Barber's Chair, of which the following is a full, clear, and exact description.

The invention is an improved barber's chair of the character having a seat which is both revoluble and movable forwardly and rearwardly, and has for its object to provide means for positively locking the seat in successive positions against turning and means for locking the seat against forward and rearward movement, with a unitary device, such as a crank, for operating both of the locking means.

The invention further contemplates means incased in the arm rests of the chair, normally tending to move the seat rearwardly, and an auxiliary foot rest slidably supported on the seat and movable outwardly therefrom in the plane thereof.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a central vertical longitudinal section of a barber's chair constructed in accordance with my invention; Fig. 2 is a front elevation of the same; Fig. 3 is a plan of the chair; Fig. 4 is a horizontal section substantially on the line 4-4 of Fig. 1; Fig. 5 is a section on the line 5-5 of Fig. 6; and Fig. 6 is a fragmentary view showing the locking mechanism.

The chair support is preferably in the form of a pedestal 10 which has a ball-bearing 11 at its upper end, on which rests a center plate 12, held against vertical displacement by a pivot pin 13 carried by the pedestal, and rigidly connected with the sides 14 of the chair by extending the plate at each side as best shown in Fig. 4. On the inner face of each side of the chair are respectively forwardly and rearwardly arranged pivotally-supported hangers 15 and 16, each being pivotally connected to the seat 17, with the forward hangers 15 having depending arms 18 rigid therewith and projecting forwardly and downwardly, with the end portions turning directly outwardly as indicated at 18^a, where they serve to pivotally support a foot rest 19. The foot rest 19 is normally forced to an upright position by

pivot springs 20, in which position it is prevented from swinging further forwardly by stop fingers or projections 22, these fingers being rigid with the foot rest and contacting with the under side of the arms 18 or means carried thereby. The hangers 16, in addition to being connected to the sides of the chair and the rear of the seat, are also connected to and support the chair back 23 and have arms 24 projecting into casings carried by the chair sides and forming arm rests 26, each arm rest containing a spring 27 operating to force the arms 24 forwardly, and consequently draw the seat in a rearward direction. The chair back is slotted for carrying the usual adjustable head rest bar 28 which has teeth engaged by a spring-pressed pawl 29, locking the head rest in adjusted position. The seat 17 is slotted from front to rear for slidably receiving the shank portion of an auxiliary foot rest 30 which lies approximately in the plane of the seat and is used when the seat is moved forwardly, at which time the chair back is considerably rearwardly inclined.

Attached to one side of the chair, as best shown in Figs. 4, 5 and 6, is a spring arm 31 having an inwardly-projecting portion provided with a depending extremity 32 adapted to engage in a notched flange 33 integral or otherwise rigid with the pedestal 10. A spring arm 34 in fixed relation to the center plate 12, has an upwardly-directed extremity 35 adapted to engage in one of the notches 36 formed underneath the seat 17. The stress of the spring arm 31 is such as to tend to disengage the projection 32 from the pedestal and consequently permit of the rotation of the chair, and the stress of the spring arm 34 tends to force its extremity 35 into engagement with the seat and lock the latter against forward and rearward movement. For controlling both these locking members I provide a unitary device, ordinarily in the nature of a crank 37, rigid with an operating shaft journaled in the side of the chair, the shaft having a cam or hook 38 at its inner end and a cam 39 at an intermediate point of its length, the cam being movable in the path of the spring arm 31 and operating when engaging the same to depress the arm and engage the projection or extremity 32. In this movement of the cam, the hook 38 which engages over the spring arm 34 has no action thereon, but on moving the crank in the opposite direction,

the spring 34 is depressed and its projection or extremity disengaged from the seat, at which time the springs 27, incased in the arm rests, move the seat to its extreme rearward position. In adjusting the seat forwardly, the operator at the back of the chair may press the seat with his knee to the required position.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. In a chair, a pedestal, a seat revoluble on the pedestal and movable forwardly and rearwardly relatively thereto, a spring arm having means for engaging the pedestal and locking the seat against revolution, a spring arm having means for engaging the seat and locking it against forward and rearward movement, a crank having a cam for moving the first mentioned spring arm into engagement with the pedestal, and a cam for disengaging the last mentioned spring arm from the seat.

2. In a chair, sides, a seat arranged between the sides, hangers pivotally connecting the sides to the seat and adapting the seat to swing forwardly and rearwardly, an arm extending from one of the hangers, and a spring connected to the arm and tending to force the seat rearwardly.

3. In a chair, sides having arm rests, a seat between said sides, a back, hangers pivoted to the sides and supporting the seat, with the rear hangers secured to the back and having arms projecting into the arm rests, and means in the arm rests tending

to force said arms in a direction to move the seat rearwardly.

4. In a chair, sides having arm rests, a seat arranged between the sides, hangers supporting the seat from the sides and adapting the seat to swing forwardly and rearwardly, and springs incased within the arm rests and operatively connected to certain of the hangers.

5. In a chair, the combination of a pedestal having recesses annularly arranged, a spring arm normally tending to stand away from the recesses in the pedestal, and an operating shaft having a cam arranged to engage the spring arm and depress it into engagement with the recesses and lock the seat against rotation in successive positions.

6. In a chair, a pedestal, sides carried by the pedestal, a seat supported from the sides to move forwardly and rearwardly therebetween, a spring arm to lock the seat and sides against rotation normally tending to stand away from the pedestal, a spring arm to lock the seat against rearward and forward movement normally tending to engage the seat, and operatively connected means to depress said arms and engage the first-named arm with the pedestal and disengage the last-named arm from the seat.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ANGELO FIORE.

Witnesses:

BERNARD F. AGUILINO,
ANTONIO LOTTA.