

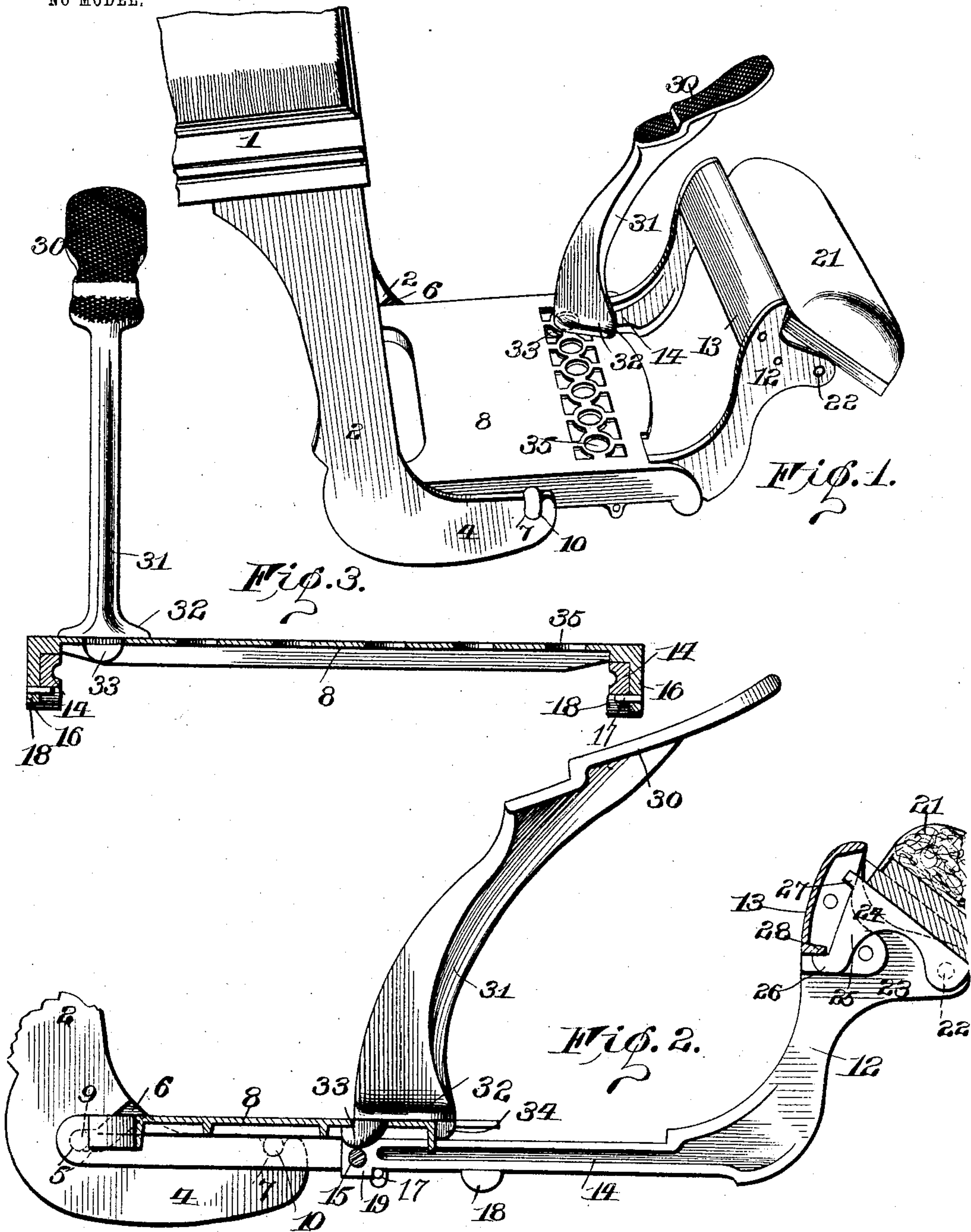
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G. W. ARCHER.  
FOOT REST FOR CHAIRS.

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NO MODEL.



Witnesses.

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# UNITED STATES PATENT OFFICE.

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## FOOT-REST FOR CHAIRS.

SPECIFICATION forming part of Letters Patent No. 777,766, dated December 20, 1904.

Application filed March 25, 1901. Serial No. 52,680.

*To all whom it may concern:*

Be it known that I, GEORGE W. ARCHER, of Rochester, in the county of Monroe and State of New York, have invented certain new and  
5 useful Improvements in Foot-Rests for Chairs; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the drawings, forming  
10 a part of this specification, and to the numerals marked thereon.

My present invention has for its object to provide an improved form of foot-rest for tilting or reclining chairs, such as are used by barbers and dentists, which shall be adjustable  
15 to accommodate occupants of various heights and provided with a leg-rest or cushion so arranged that it is normally protected from contact by the feet and still be in the proper position to form a comfortable leg-rest when the  
20 chair is tilted backward, and as a further object of my invention I have provided an additional foot-rest which may be applied when the occupant of the chair desires to have his boots or shoes polished.

To these and other ends the invention consists in certain improvements in construction and combination of parts, all as will be hereinafter fully described, and the novel features  
25 pointed out in the claims at the end of this specification.

In the drawings, Figure 1 is a perspective view of the forward portion of a chair, showing a foot-rest constructed in accordance with my invention. Fig. 2 is a longitudinal sectional view showing the foot-rest in its outward position of adjustment, and Fig. 3 is a  
35 cross-sectional view.

Similar reference-numerals in the several figures indicate similar parts.

In illustrating my device I have shown it applied to a chair embodying the seat-frame 1, which may be supported upon any suitable base and connected thereto by an operating mechanism, whereby the chair may be tilted  
40 or inclined at an angle and secured in the adjusted position. Attached to the lower side of the seat-frame are side brackets 2 and having at their lower ends the forwardly-extending arms 4. In the adjacent or inner faces of

the arms and at their rear ends are provided 50 horizontal slots 5, the forward ends of which extend upwardly, as shown at 6, and at the forward ends of the arms are open upwardly-extending slots 7. Between the arms is a detachable stand or platform 8, having upon its  
55 opposite sides pins 9 and 10, the former (shown in dotted lines) being adapted to engage in the slots 5 and the latter resting in the slots 7, a construction which permits the easy application and removal of the stand by simply raising its  
60 its forward end to disengage the pins 10 from the slots 7, when the platform may be drawn forward to remove the lugs or pins 9 from the slots 5. The foot-rest consists of the upwardly-extending arms or side portions 12, between  
65 which extends a cross-frame 13, forming a foot-rest, and in order to make the latter adjustable I provide the arms with rearward extensions 14, connected at their ends by a rod 15 and adapted to lie within the side portions  
70 or flanges 16 on the platform 8 and supported and movable upon ways formed by pins 17 and inwardly-extending lugs or projections 18. In operation the extensions 14 bear against the lower side of the platform, and any weight  
75 upon the foot-rest will be received upon the heavy lugs or projections 18. The outward movement of the foot-rest is limited by stops 19 on the extensions 14, which engage the pins 17. On the forward side of the foot-rest is  
80 arranged a cushioned leg-rest 21, journaled at 22 to arms or extensions 23, formed upon the side portions 12 below their upper ends and so arranged that when the chair is in the normal position the top of the leg-seat, which is  
85 usually covered with plush or similar material, is below the top of the foot-rest 13; but when the latter is adjusted in its uppermost position or when the platform-support is tilted backward the said rest will be projected slightly  
90 above the foot-rest to form a rest for the legs of the occupant, as will be understood. To limit the tilting movement of the leg-rest, I provide upon the castings 24, secured to the under side thereof, arms 25, having lugs or projections  
95 26 and 27 thereon adapted to engage a rib 28, provided upon the lower edge of the cross-frame or foot-rest 13.



It is a common occurrence for one while occupying a barber's chair to also have his boots or shoes polished while undergoing a tonsorial operation, and to permit a double use of such a chair I have provided a removable foot-rest, (indicated by 30.) The latter is supported upon an arm or bracket 31, provided with a base 32, from which extends a downwardly-projecting lug having a projecting lip or hook 33. The lug is adapted to extend through an aperture 35 in the platform 8, with the lip 33 in engagement with the lower side thereof, and a lug 34, also formed on the base 32, extends over the edge of the platform to secure the bracket from moving. The apertures 35 are formed upon each side of the platform, and they may be combined into a decorative pattern, as shown. In practice as only one shoe is operated upon at a time it is only necessary to provide a single detachable rest, which may be removed and transferred to the opposite side of the platform when it is desired to operate upon the other shoe. While the detachable rest is being employed the foot-rest 13 may, if desired, be drawn forward, as shown in Fig. 2, and serve as a seat for the operator, and by the application of two of the detachable rests and the removal of the adjustable foot-rest the chair can be easily converted into a polishing-chair and employed for this purpose alone, if desired.

The device is simple, can be constructed of few parts, and is applicable to reclining-chairs in which the whole chair is tilted or in which the seat is stationary and the back and front portions only are movable. This arrangement permits the foot-rest to be adjusted relatively the chair-seat to accommodate persons varying in stature.

I claim as my invention—

1. The combination with a chair, a platform thereon, and an adjustable foot-rest on the platform, of a removable and independent foot-rest adapted to be mounted on the platform.
2. The combination with a chair, a platform thereon having apertures, and an adjustable foot-rest on the platform, of an independent removable foot-rest adapted to engage the apertures in the platform.
3. The combination with a chair, a platform thereon having apertures, and a foot-rest on the platform, of an independent foot-rest having a base adapted to engage the platform, a hooked projection on the base adapted to pass through one of the apertures and engage the lower side of the platform.
4. The combination with a chair, a platform thereon, and a foot-rest on the platform, of a separate foot-rest mounted on a base, a hooked projection thereon cooperating with the platform, and a second projection on the base engaging over the edge of the platform to prevent the former from turning.
5. The combination with a chair, having a platform provided with a foot-rest and having apertures, of a separate foot-rest mounted on the base, a hooked projection thereon adapted to pass through one of the apertures and to engage the under side of the platform to removably secure the foot-rest, and a projection on the base adapted to engage the platform to prevent the rest from turning thereon.

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