

No. 669,156.

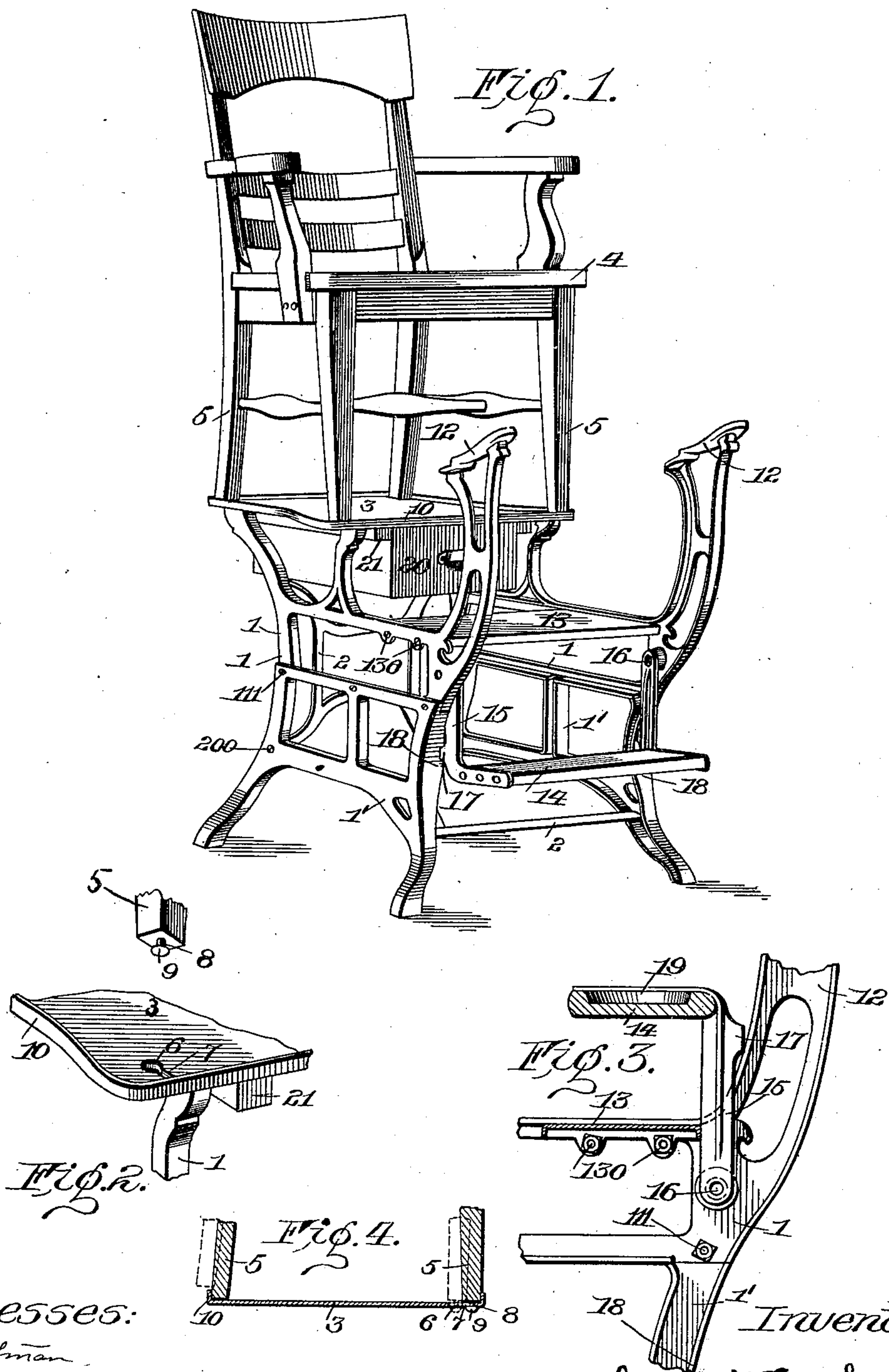
Patented Mar. 5, 1901.

G. W. ARCHER.

CHAIR.

(Application filed Aug. 17, 1900.)

(No Model.)



Witnesses:

M. Harman

Walter B. Payne.

Inventor  
George W. Archer  
by Christ Church  
his Attorneys.



# UNITED STATES PATENT OFFICE.

GEORGE W. ARCHER, OF ROCHESTER, NEW YORK, ASSIGNOR TO THE  
ARCHER MANUFACTURING COMPANY, OF SAME PLACE.

## CHAIR.

SPECIFICATION forming part of Letters Patent No. 669,156, dated March 5, 1901.

Application filed August 17, 1900. Serial No. 27,189. (No model.)

*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 useful Improvements in Chairs; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention has for its object to provide an improved form of chair and support therefor whereby the device is particularly adapted to be employed for holding an occupant while having his shoes shined or polished; and it consists in certain improvements in construction and combinations of parts, all as will be hereinafter described, the novel features being pointed out in the claims at the end of this specification.

In the drawings, Figure 1 is a perspective view of a chair and its support constructed in accordance with my invention; Fig. 2, a similar view of a detail; Fig. 3, a cross-sectional view of the forward portion of the base, illustrating the operation of the pivoted step; and Fig. 4, a detail view of the platform and the chair-legs, showing the method of connecting the parts.

Similar reference-numerals indicate similar parts.

My device embodies a base or support consisting of the side portion 1, connected at the front and rear by suitable cross-braces 2 and supporting upon its upper and rear portion a platform 3. To simplify the manufacture of the side portions 1, I construct each of them in two pieces, an upper and lower section 1 and 1', respectively, which are secured together upon their overlapping edges by bolts 111. Suitable lugs are formed upon the ends of the cross-braces and adapted to receive bolts 200, by means of which they are also attached to the various parts of the frame.

4 indicates a chair of the ordinary or any preferred construction, having the legs 5, adapted to rest upon and be secured to the platform 3. In order to firmly secure the chair upon the platform and to prevent it from being tipped or accidentally dislodged,

I provide at the forward corners of the platform apertures 6, from the forward sides of which extend slots 7, and upon the bottoms of the forward legs of the chair I provide studs 8, having the heads 9. A small rim or upwardly-projecting edge 10 extends around the platform 3, and upon the sides and rear edges thereof it engages the outer edges of the rear chair-legs. By this arrangement it will be seen that to connect the chair to the base or standard it is only necessary to register the heads on the studs 8 with the apertures 6, when by drawing the chair forward the heads 9 will engage the platform beneath the slots 7, and the rear legs dropping within the rim 10 will prevent the chair from moving either rearwardly or to the side, holding it securely in position. To disconnect the parts, it is only necessary to tilt the chair forward until the rear legs are elevated above the rim, when the chair may be moved to disengage the studs from the slots and apertures, as shown particularly in dotted lines in Fig. 4.

The foot supports or rests 12 extend upwardly from and are preferably formed integrally with the side frames 1 above the platform 3 into a convenient position to receive the occupant's feet, and between them and below the platform is a step 13, secured by bolts 130, and between the step and the ground is an intermediate step 14. The latter is supported at its ends upon arms 15, pivoted to the frame at 16, and when in the normal position hangs down, as shown in Fig. 1, forming a step, lugs or projections 17 being formed upon the arms near their ends and abutting against the forward sides of the frames 1', the edges of which are extended inwardly to form abutments 18. When the step is not in use, it may be turned upward out of the way to the position shown in Fig. 3, allowing the operator to stand closer to the foot-supports. The forward edge of the step 13 forms a stop, against which the arms 15 rest when in the upper position, holding the step and constituting a shelf or support for the polishing devices, holding them in proximity to the foot-supports, but in rear thereof, so as not to interfere with the polishing operation. In the lower side of the step I provide a recess



or depression 19, adapted to receive a blacking-box when the step is turned up and employed as a shelf or support.

20 indicates a suitable drawer supported in ways 21, secured upon the lower side of the platform 3.

Polishing-chairs such as I have described are particularly adapted for use out of doors. The base being constructed of metal need not be moved after it is once positioned, and the chair being detachably mounted thereon may be easily disconnected and quickly removed in case of rain or at night or for other reasons, if desired. The various portions of the base being bolted together, they may be easily separated and packed in a comparatively small compass for shipping purposes.

I claim as my invention—

1. The combination with a base or support having a platform provided with apertures and slots leading therefrom, of a chair having the legs resting upon the platform, studs attached to the ends of said legs passing through the slots in the platform and the heads on the studs engaging the lower side of the platform at the edges of the slots.

2. The combination with a base or support having a platform provided with apertures in its forward edge and having the slots extending from the sides of said apertures, of the chair having the legs resting upon the platform, the headed studs adapted to engage the slots secured upon the forward chair-legs and means upon the platform engaging the rear chair-legs to prevent a removal of the studs from the slots.

3. The combination with a base or support having a platform provided with apertures in its forward sides and having the slots extending from the forward sides of the apertures, of the chair having the legs resting upon the platform, the headed studs secured to the forward chair-legs and adapted to engage the slots, and the rim or projection on the platform engaging the outer edges of the rear chair-legs to secure the studs in the slots.

4. The combination with a base or stand-ard embodying the side frames having the foot-rests, and the chair mounted on the base, of the stationary step arranged upon the base below the chair, and the step pivotally connected to the side frames below the stationary step and adapted to be moved above the latter when not in use.

5. The combination with a base or stand-ard embodying the side frames having the foot-rests, and the chair mounted on the base, of the stationary step extending between the side frames below the chair, a movable step normally supported between the stationary step and the floor, and pivotal connections between the said step and the side frames, whereby it may be revolved above the stationary step when not in use.

6. The combination with a base or stand-ard embodying the side frames having the foot-rests, the chair mounted on the base and the stationary step extending between the said frames, of a movable step arranged below the latter, supporting-arms located at the ends of the step and pivoted to the frame, and the stops on the arms engaging the frame to hold the step horizontally when in the normal position.

7. The combination with a base or support embodying the side frames provided with the foot-rests and having the platform and the chair having the legs resting upon the platform, and interlocking devices between said legs and the platform, of the stationary step extending between the said side frames below the platform, the movable step located beneath the stationary step having the arms at its ends pivoted to the side frames and stops on the arms adapted to engage the frames to support the step horizontally when in normal position.

GEORGE W. ARCHER.

Witnesses:

F. F. CHURCH,  
M. HARTMAN.