

(No Model.)

J. A. ANDERSON.
PHOTOGRAPHER'S CHAIR.

No. 253,829.

Patented Feb. 21, 1882.

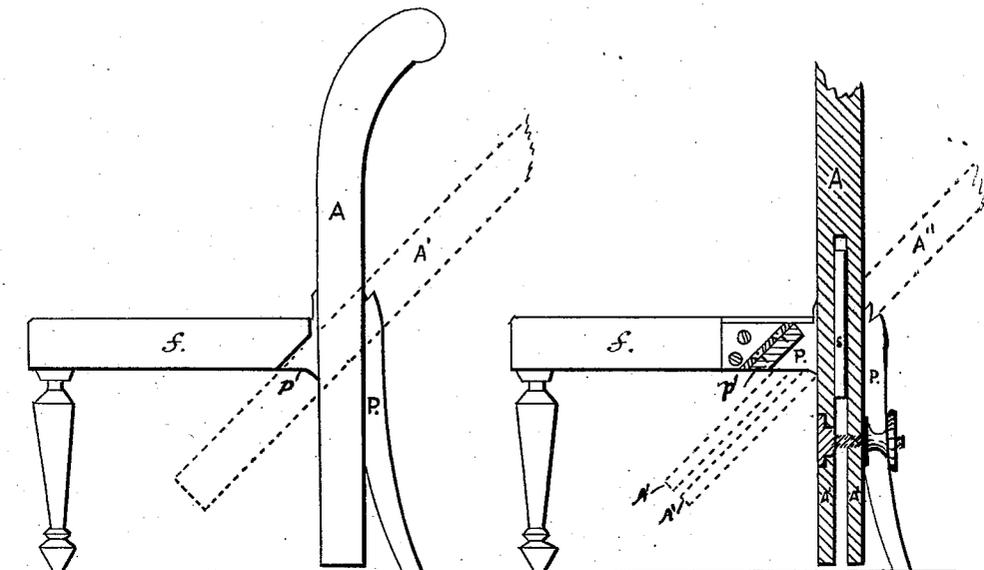


fig. 1.

fig. 2.

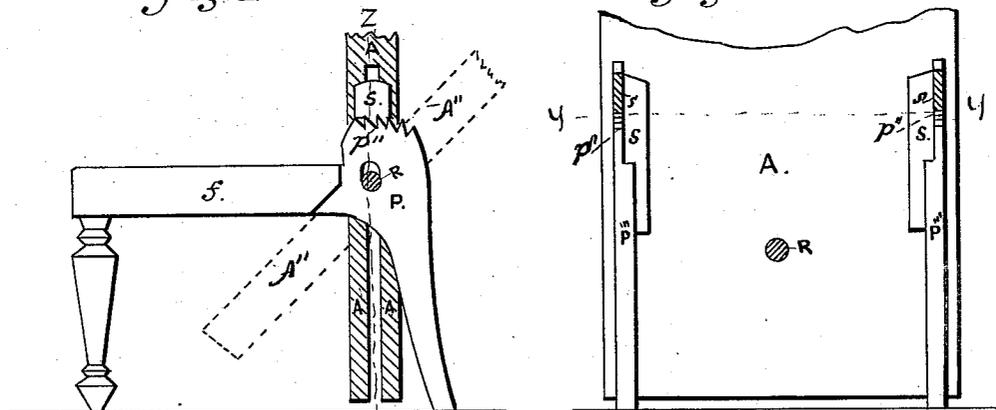


fig. 3.

fig. 4.

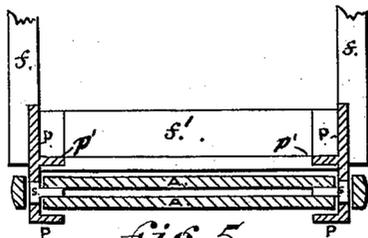


fig. 5.

WITNESSES

H. L. Lyle
Daniel J. Jones

INVENTOR

Jonas A. Anderson
D. Jones
Attorney

UNITED STATES PATENT OFFICE.

JONAS A. ANDERSON, OF LAKE VIEW, ILLINOIS.

PHOTOGRAPHER'S CHAIR.

SPECIFICATION forming part of Letters Patent No. 253,829, dated February 21, 1882.

Application filed April 9, 1881. (No model.)

To all whom it may concern:

Be it known that I, JONAS A. ANDERSON, of Lake View, in Cook county, of the State of Illinois, have invented a new and useful Improvement in Photographers' Chairs, of which the following is a specification, reference being had to the annexed drawings and the letters and figures marked thereon, forming a part of the specification.

My invention pertains to the class of photographers' chairs of which the back is adjustable; and my object is to provide a chair of which the back is adjustable to any required altitude and inclination, so that any ordinary-sized person may be arranged thereon in any position in relation to the camera obscura in which it is desired to take the picture of the occupant of the chair; and the novelty of my chair consists in the peculiar construction, arrangement, and combination of the hereinafter-described several parts composing the chair, for the purpose specified.

In the drawings, Figure 1 is a side elevation view of the chair complete. Fig. 2 is an elevation sectional view thereof through the center of the back and the seat-frame. Fig. 3 is the same as Fig. 1 with the edge-facing of the back removed. Fig. 4 is a longitudinal cross-sectional view of the back, upper portion of the rear legs, and the pawls on line *Z Z*; and Fig. 5 is a cross-sectional view of the seat-frame, rear legs, back, and pawls on line *y y* through the ratchet-teeth.

I will now proceed to describe fully my said invention for the purpose of enabling others ordinarily skilled in the art thereto appertaining to make and use the same, letters and figures of like name and kind referring to like parts in each of the figures of the drawings.

In my said chair each of the rear legs, *P*, provided at a point near the upper end with a forward horizontal prolongation or arm, *p*, having an inwardly-projecting lateral flange, *p'*, and at the upper end with a ratchet, *p''*, is made of iron or suitable metal, cast or otherwise integrally made in the form of a thin flat plate fashioned to the required shape, the rear edge being provided with a flange or rib, *p'''*, for the purpose of strengthening the leg.

In constructing the seat or chair frame the

side pieces, *f*, are secured to the outside of the horizontal arms *p*, and the cross-piece *f'* to the inward-projecting flanges *p'*, by means of screws, or in other suitable manner. The side and end pieces and the forward legs of the seat or chair frame may be made of wood or any other suitable material.

The pawls *S*, respectively consisting of a flat bar of iron or other suitable metal, and provided at the upper portion with a toothed shoulder, *s*, projecting from the edge, in contact with the leg, are hinged to the upper portion of the legs, by means of trunnions or pins and oblong apertures or slots *R*, in such position that when the trunnions or pins bear upon the lower end of the slots the toothed shoulders project over and lock with the ratchets *p''*.

The back *A* is from the lower end up to any desired point, according to the lowest pitch desired, provided with two flaps or skirts, *A' A'*, between which there is an open space or groove, into which the pawl-bars *S* are inserted and operate, the latter being fitted to the space between the flaps or skirts *A' A'*, and the width of the flaps or skirts is fitted to the space between the legs *P*. The forward flap or skirt is provided with a set-screw, which is inserted into a perforation in the rear flap or skirt, by means of which the flaps or skirts are formed into a clamp, by means of which construction and arrangement the back is removably and adjustably clamped to the pawl-bars in such a manner that by sliding it up or down upon the pawl-bars it is raised or lowered, as desired; and by lifting it out of the ratchet-bearing and swinging it backward or forward and dropping it into the ratchet-bearings it is set at any desired inclination.

The dotted lines *A''* indicate the range of adjustment of the back; but a greater range can be given it if desired. The back is also provided at each side edge with a facing-strip for the purpose of ornament. Each of the latter is for the purpose of accommodating the upper portions of the legs *P*, cut away on the inner side from a point even with the upper line of the space between the flaps or skirts *A'*, forming a slot of the same width as the thickness of the legs, which are for the purpose of said slot made thin.

Having thus described the said chair, what I claim as new as my invention, and desire to secure by Letters Patent, is—

5 In a chair with an adjustable back, the pawl-bars S, provided with a toothed shoulder, in combination with the legs P P, provided with a ratchet, *p''*, and the back A, provided with the clamping flaps or skirts A' A', substan-

tially as described, and for the purposes set forth. 10

In witness whereof I hereunto set my hand this 5th day of April, 1881.

JONAS A. ANDERSON.

In presence of—

DANIEL STONER,

H. L. DYE.