(No Model.)

# J. E. COTTON.

## FOLDING CHAIR.

No. 246,465. Patented Aug. 30, 1881.

*Fig. 1.*

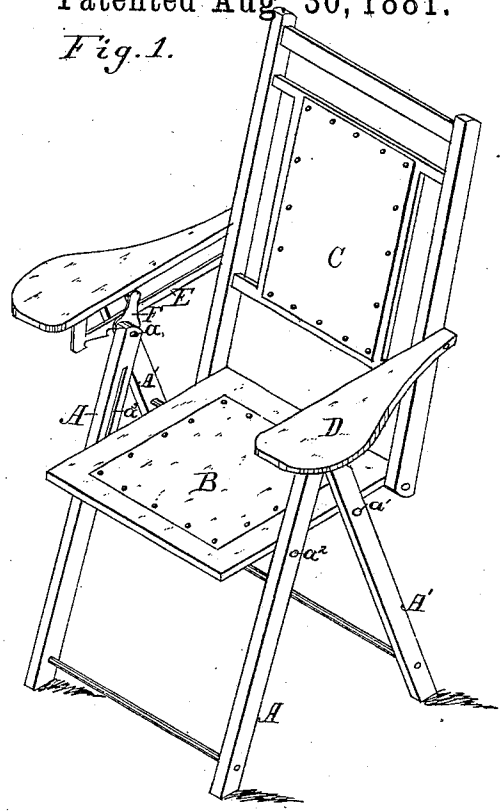



*Fig. 2.*

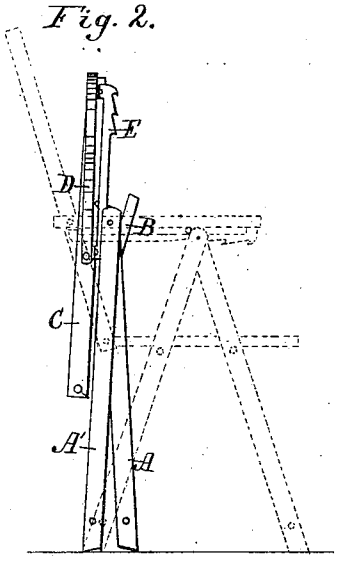



*Fig. 4.*

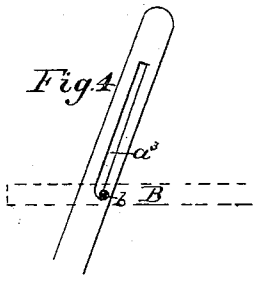
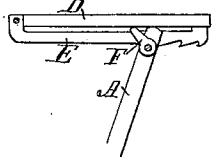



*Fig. 3.*




Witnesses:
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Colby Gelshall

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his atty.

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# UNITED STATES PATENT OFFICE.

JOHN E. COTTON, OF FAIRFIELD, MAINE.

## FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 246,465, dated August 30, 1881.

Application filed April 4, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN E. COTTON, residing in Fairfield, in the county of Somerset and State of Maine, have invented certain new and useful Improvements in Folding Chairs; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to folding chairs; and the object of my invention is to provide a folding chair which shall contain arms, and in which the back may be inclined at any desired angle.

It consists in the peculiar arrangement and combination of parts in such a manner that when it is opened out a chair will be formed such as I have mentioned.

In the drawings, Figure 1 is a perspective view. Fig. 2 is a side view of the chair as folded. Fig. 3 is a detail of arm. Fig. 4 is a detail showing the manner of connecting the seat with the leg.

A and A′ are legs, pivoted to each other by the pin *a*. The leg A′, which is the outside one, projects above the leg A, its top coming against the bottom of the arm D. At *a′* and $a^2$ rods pass across the chair from one leg to the other, and upon these rods rests the seat B.

Pivoted to the back of the seat is the chair-back C, of any desired form.

To the sides of the back C, and at the proper distances from the seat, are pivoted the arms D, which I prefer to make of the broad form, as shown in the drawings.

Secured to the under side of the arm D is the metal ratchet-bar E, having ratchet-teeth on the under side. One end of this ratchet-bar is pivoted to the side of the chair-back along with the arm, being at the same point secured to the arm, and the other end of the ratchet-bar is secured to the other end of the arm. The ratchet-bar E is so formed that a clear space is left between it and the arm, except at the ends, where it is secured to the arms. The edge of the ratchet-bar E, which contains the ratchet-teeth, rests on the pin *a*, and the teeth hook over the pin *a* in such a manner as to hold the arm from going backward, but allowing it to be moved forward.

The stop F is hung on the pin *a*, and upon its end is the spur *f*, projecting over the ratchet-bar. The ratchet-bar E is confined loosely in place by the insides of the leg A′, the inside of the stop F, and by the spur *f*.

The seat B is locked to the legs A A by means of the slot $a^3$, in which works a pin, *b*, which projects from the edge of the chair-seat B. At the lower end of the slot $a^3$ there is a small recess toward the rear of the chair, of just sufficient size to catch and hold the pin $a^3$ in place. While the pin $a^3$ is thus confined it prevents the seat B from rising.

The chair-back can be set at any desired angle by moving the ratchet-bar backward or forward.

Fig. 2 shows the manner of folding the chair. A convenient manner of folding it is to grasp it by the back, tip it back slightly, and allow the front legs to fall backward far enough to free the pin *b* from its catch. Now, by pressing down on the back the chair is folded in compact form.

As thus constructed I produce a folding chair which has broad arms and adjustable back, and of general novelty of construction.

I claim—

As a new article of manufacture, a folding chair consisting of the legs A A′, pivoted together at their upper ends and provided with spur *f*, the seat, pivoted to the rear legs and in slots $a^3$ in the front legs, the back, pivoted to the seat, and the arms, pivoted to the back and provided with guideway and ratchet-teeth to engage with the spur *f* on the legs, as and for the purpose set forth.

In testimony that I claim the foregoing as my own invention I have affixed my signature in the presence of two witnesses.

JOHN E. COTTON.

Witnesses:

E. L. GETCHELL,

S. W. BALES.