

(No Model.)

J. E. COTTON.
FOLDING CHAIR.

No. 246,465.

Patented Aug. 30, 1881.

Fig. 1.

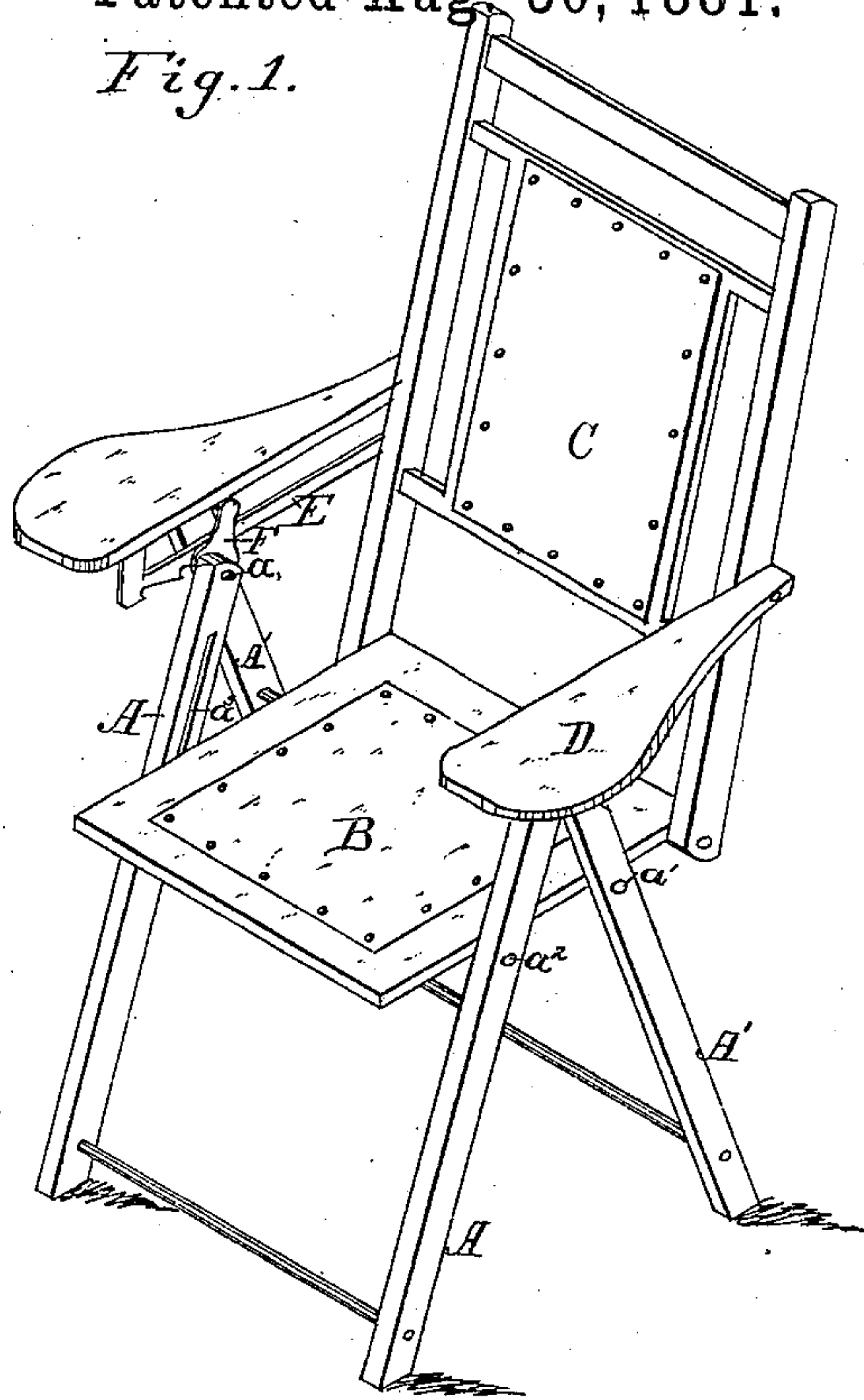


Fig. 2.

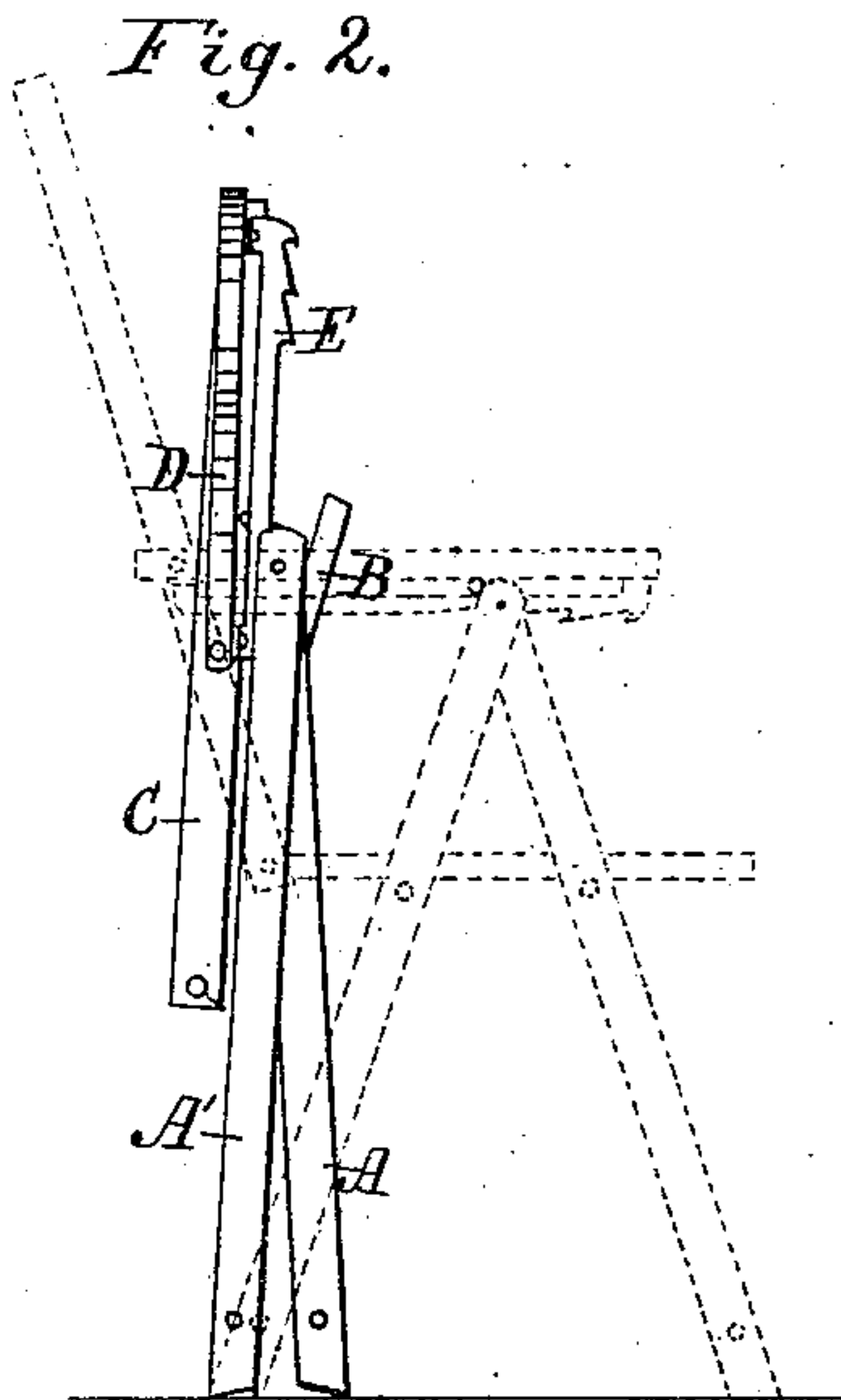


Fig. 4.

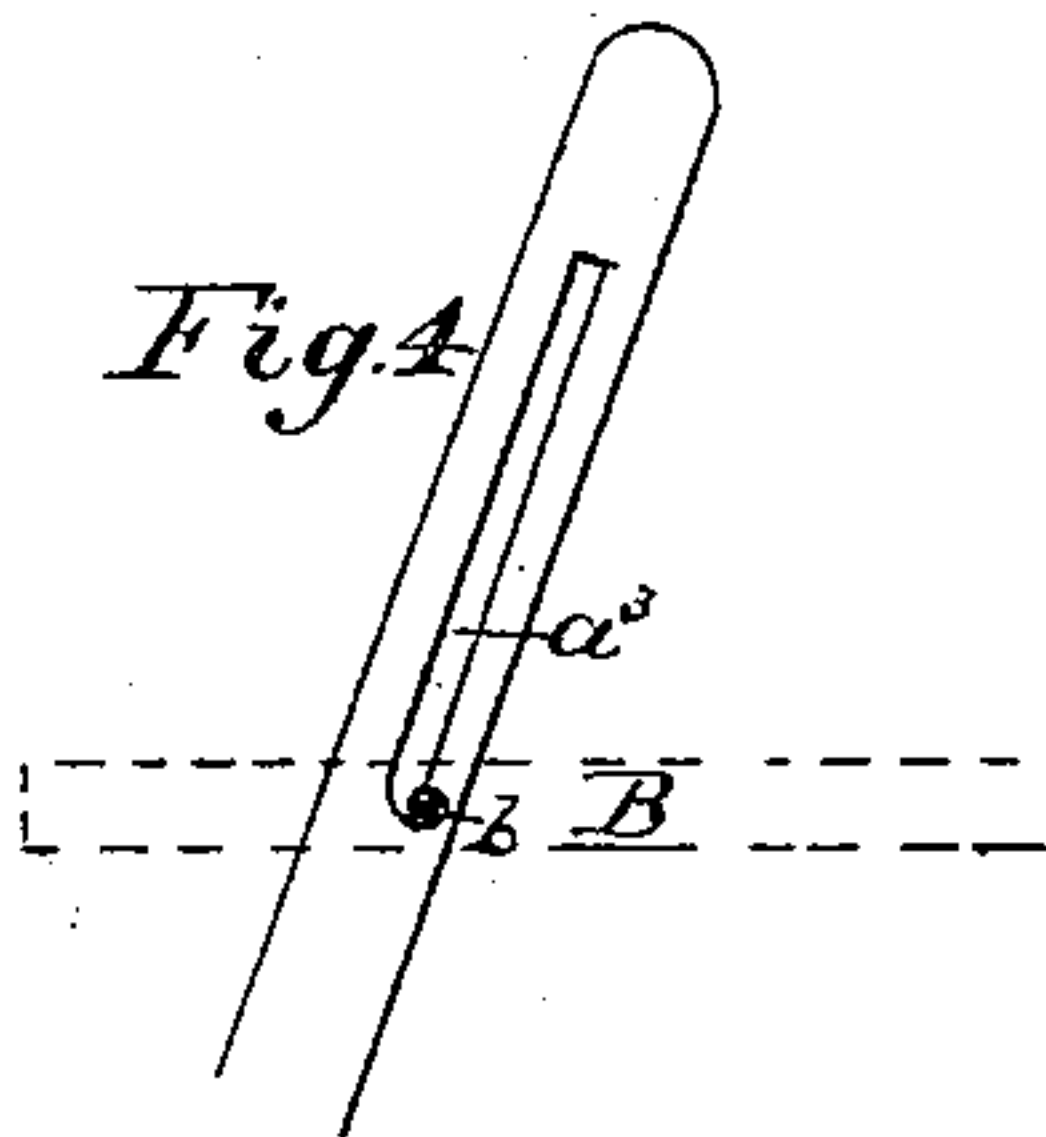
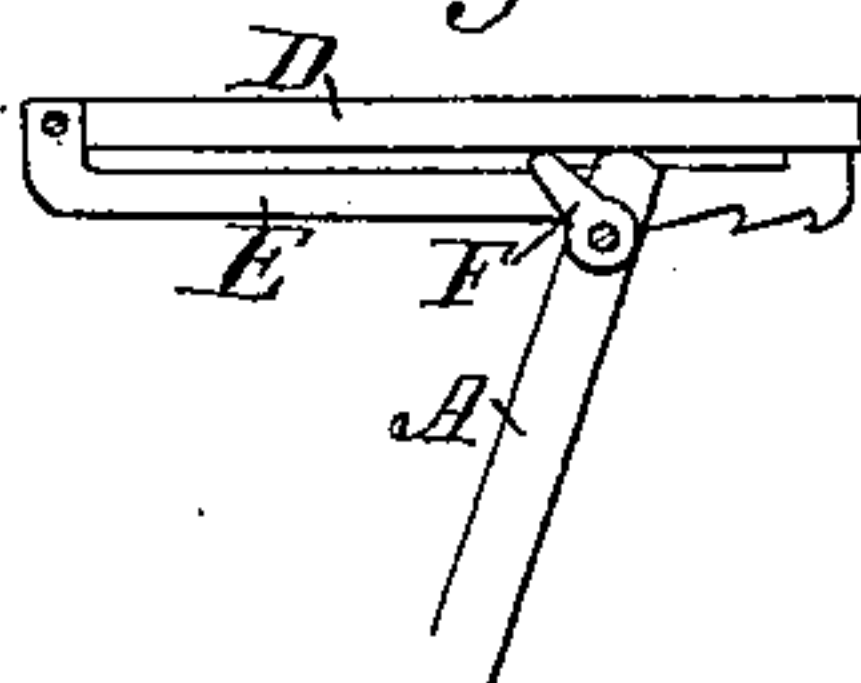


Fig. 3.



Witnesses:
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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
5 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.

10 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.

15 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.

20 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.

25 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''* rods pass across the chair from one leg to the other, and upon these rods rests the seat B.
30 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,
35 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
40 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
45 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. 50

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*. 55

The seat B is locked to the legs A A' by means of the slot *a''*, in which works a pin, *b*, which projects from the edge of the chair-seat B. At the lower end of the slot *a''* there is a small recess toward the rear of the chair, of just sufficient size to catch and hold the pin *a''* in place. 60 While the pin *a''* 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. 65

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
70 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
75 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
80 spur *f*, the seat, pivoted to the rear legs and in slots *a''* 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
85 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.