

(No Model.)

2 Sheets—Sheet 1.

H. ORCHARD.  
CONVERTIBLE CHAIR.

No. 444,845.

Patented Jan. 20, 1891.

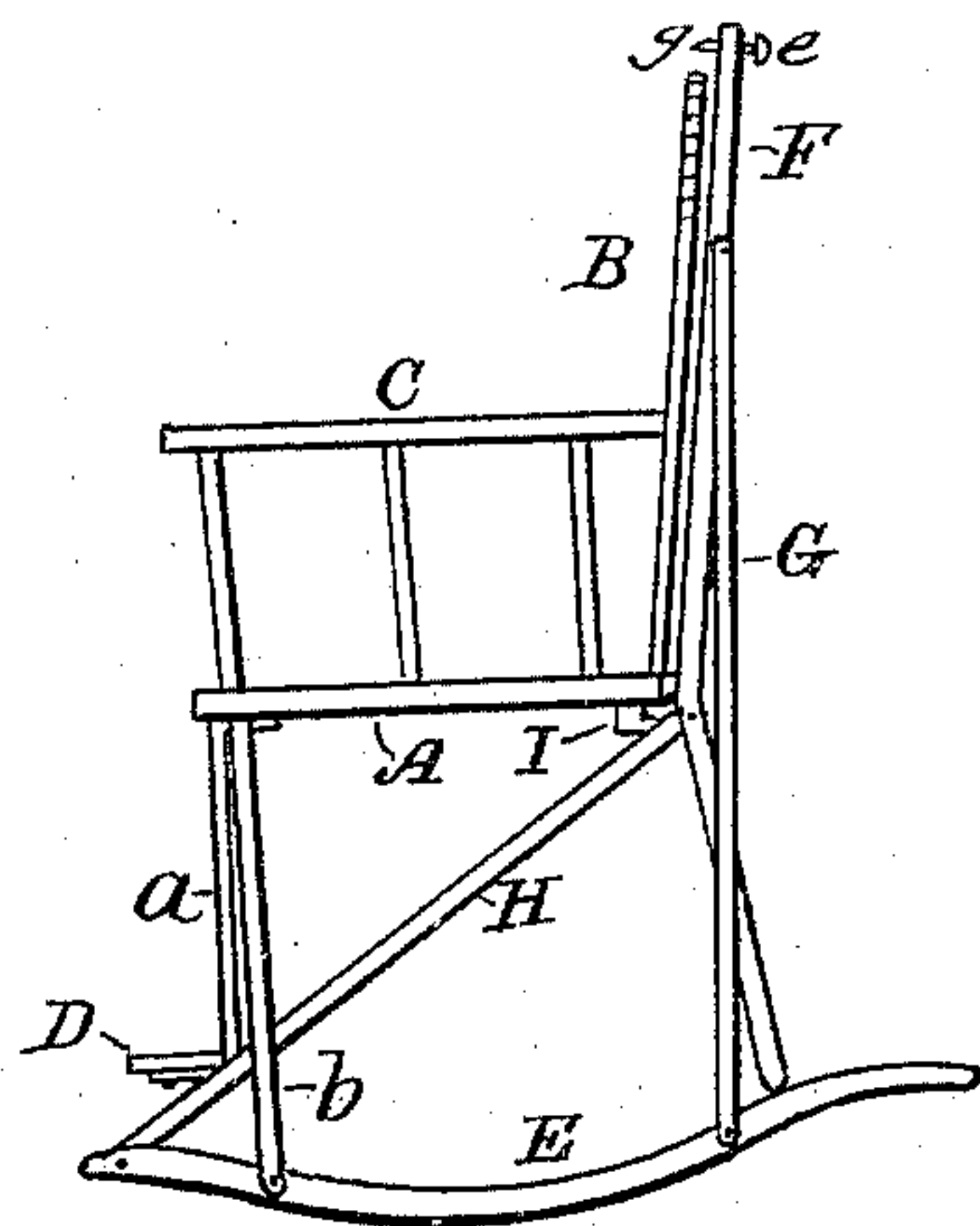


Fig. 1.

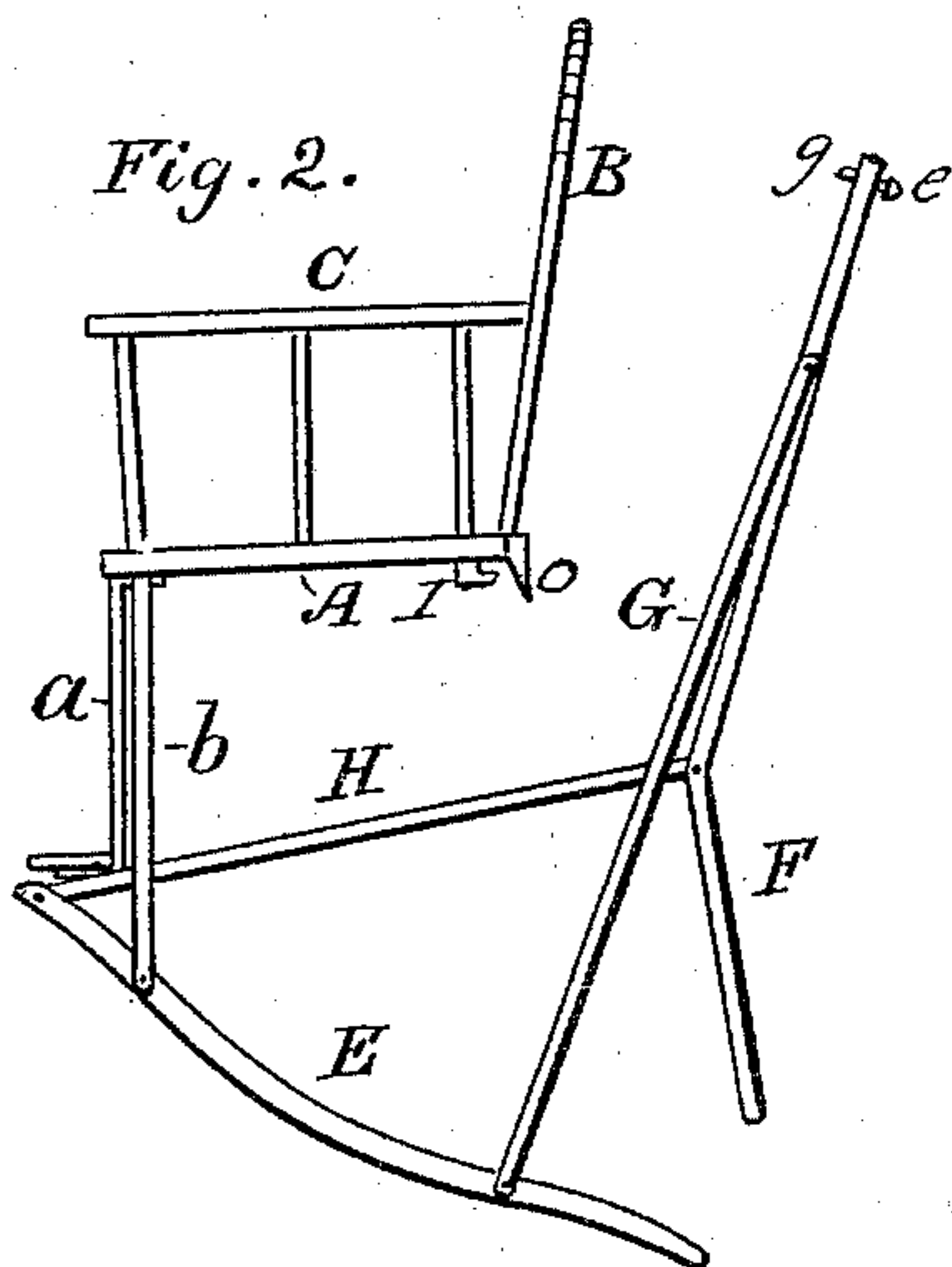


Fig. 2.

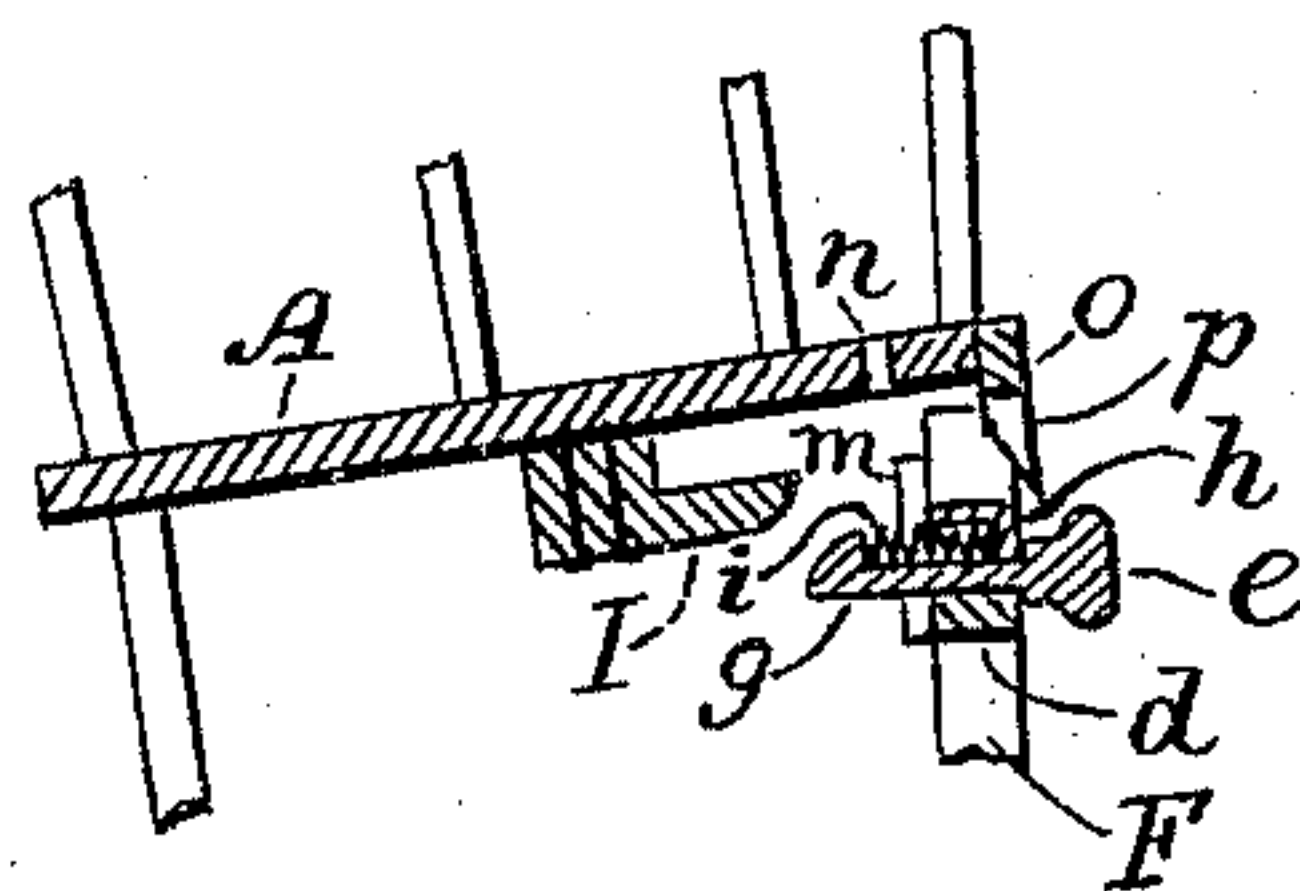


Fig. 3.

Witnesses:  
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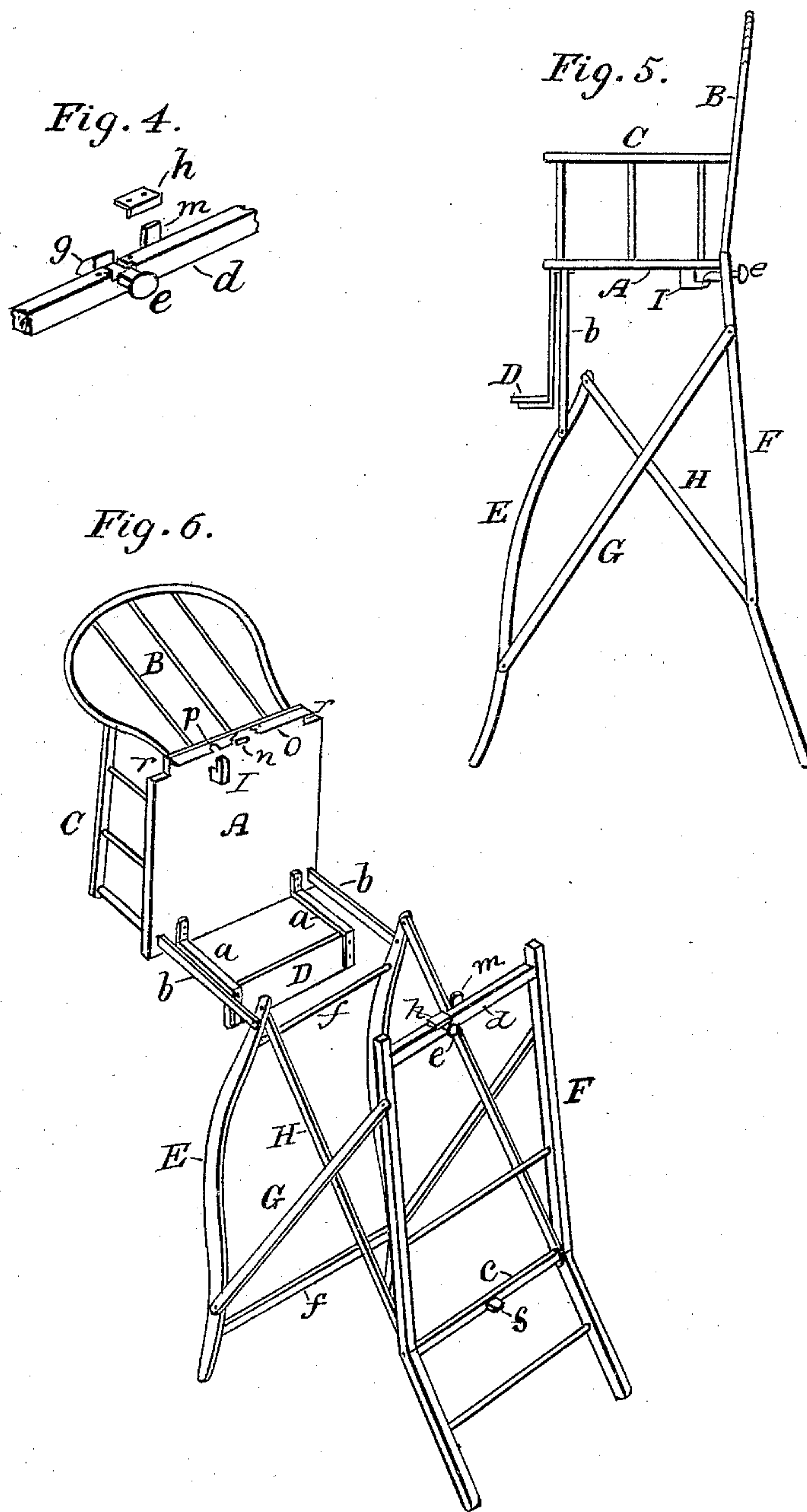
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2 Sheets—Sheet 2.

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Witnesses:  
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H. A. Daniels

Inventor  
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By A. B. Fowler  
Attorney.



# UNITED STATES PATENT OFFICE.

HENRY ORCHARD, OF PEORIA, ILLINOIS.

## CONVERTIBLE CHAIR.

SPECIFICATION forming part of Letters Patent No. 444,845, dated January 20, 1891.

Application filed August 7, 1889. Serial No. 320,066. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY ORCHARD, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, have invented certain new and useful Improvements in Convertible Chairs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to convertible rocking-chairs; and it consists in certain improvements in the construction of the same, as hereinafter described and claimed.

In the accompanying drawings, Figure 1 represents a side view of a rocking-chair provided with my improvements. Fig. 2 is a side view illustrating the operation of converting the rocking-chair into a child's high chair. Figs. 3 and 4 show certain details of a device for locking certain parts of the chair together. Fig. 5 represents the device adjusted as a child's high chair. Fig. 6 is a perspective view of the high chair with the seat unlocked and pushed forward.

Referring to Fig. 1, A designates the seat of the chair, to which are secured a back B and arms C. A step or foot-rest D is connected by straps or rods *a* with the seat, as shown. The fore legs *b* are also rigidly fastened to the seat, and are pivoted at their lower extremities to the rockers E.

F indicates two standards, which are located at the back of the rocking-chair, and are connected near their tops by a cross-bar *d*, as seen in Fig. 6. When adjusted as shown in Fig. 1, the standards F extend up along the back B with their lower ends resting on the rockers. Two long braces G are pivoted at their upper extremities to the upper parts of said standards, and are pivoted at their lower ends to the rockers, as shown. Two other braces H are pivotally connected with the forward extremities of the rockers E, and are connected in like manner with the standards F at a point where the rear part of the seat of the rocking-chair is supported. At the point of their connection with the standards F the braces H are connected by a cross-bar *c*, which is rigidly attached to said braces. (See Fig. 5.) The rockers E are connected and braced by cross-pieces *f*.

I indicates a catch which is formed with a beveled point and fastened to the lower side of the seat A. A spring-bolt *g* is mounted on the cross-bar *d* of the standards F in position to connect with the catch I when the seat rests on said bar *d*, as hereinafter stated. The spring-bolt being beveled at its point, as shown, is sunk in the bar *d* and is provided with a knob *e* for withdrawing it. A guard formed of an angle-plate *h* is provided for the bolt and its spring *i* and is fastened to the bar *d*. A stud or projection *m* is fixed to the bar *d* in position to enter an aperture *n* in the seat A when the latter closes on said bar. (See Fig. 3.) A strip or cleat *o*, which is beveled at its lower edge, is fastened to the lower side of the seat at its rear edge and serves as a guide for the seat in its adjustment to said bar *d*. As the seat closes on the bar, the beveled surface of the cleat bears against the edge of the bar. (See Fig. 3.) The beveled point of the catch I bears against the beveled point of the spring-bolt and the latter is pushed back, but is sent forward by its spring when the catch has passed and the parts are locked. The projection *m*, which enters the aperture *n* in the seat, prevents any sliding movement of the latter. The cleat *o* is notched at *p* to avoid contact with the knob *e*, and the rear corners of the seat are cut away at *r* to receive the tops of the standards F when the seat rests on the bar *d*.

When the device is adjusted for a rocking-chair, as seen in Fig. 1, the rear part of the seat A is supported by the cross-bar *c* of the pivoted braces H, a projection *s* on said cross-bar extending into the aperture *n* in the seat, and said braces H extending forward and downward to the forward ends of the rockers.

When the device is adjusted as a high chair, the seat is raised from the bar *c*, the rockers are swung forward, and the seat placed with its rear resting on the bar *d* of the standards F, being locked to said bar by the spring-bolt and catch I. The rockers E become parts of the front supports of the chair, and the pivoted braces G and H are in positions as shown in Fig. 5.

I claim—

1. In a convertible chair, the combination, with a seat provided with a back and two fore legs fixed to said seat, of two rockers piv-

otally connected at their forward ends with  
said fore legs, two rear standards F, provided  
with a cross-bar *d*, braces G, pivotally con-  
5 nected with said rockers near their rear ends  
and with standards F near their upper ex-  
tremities, braces H, provided with cross-bar  
*c* and pivotally connected with said rockers  
and with standards F, and devices for con-  
necting said bars *c* and *d* severally with said  
10 seat, the parts being so constructed and con-  
nected that they may be adjusted either with  
the seat resting on the cross-bar *c* or on the  
cross-bar *d*, substantially as and for the pur-  
poses described.

2. The chair-seat provided with the catch I, 15  
beveled cleat *o*, and aperture *n*, in combina-  
tion with the rear standards provided with  
cross-bar *d*, provided with projection *m*, and  
a spring-bolt *g*, which is mounted in bar *d* in  
position to connect with catch I, substantially 20  
as set forth and described.

In testimony whereof I have affixed my sig-  
nature in presence of two witnesses.

HENRY ORCHARD.

Witnesses:

L. M. THURLOW,  
A. KEITHLEY.