

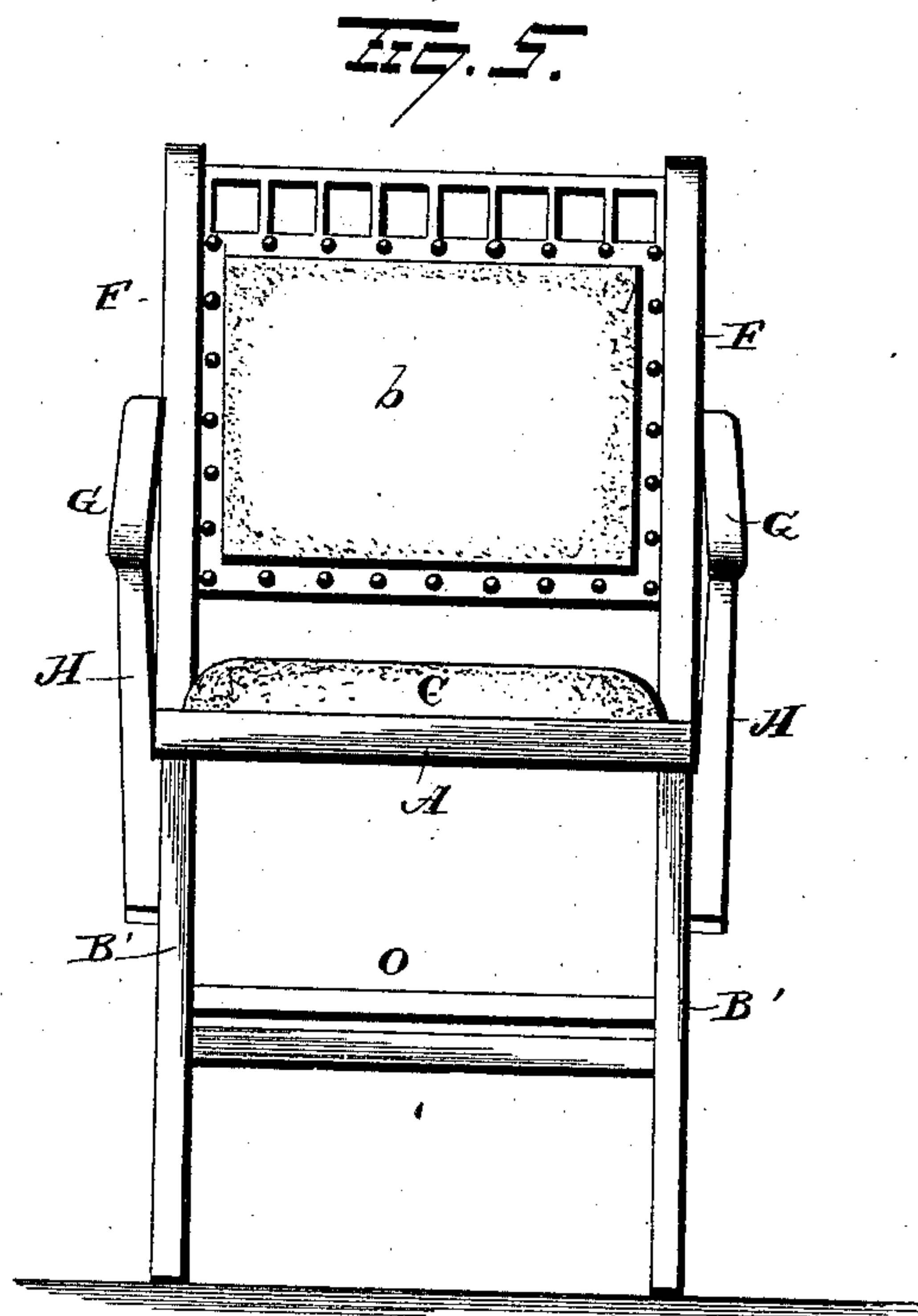
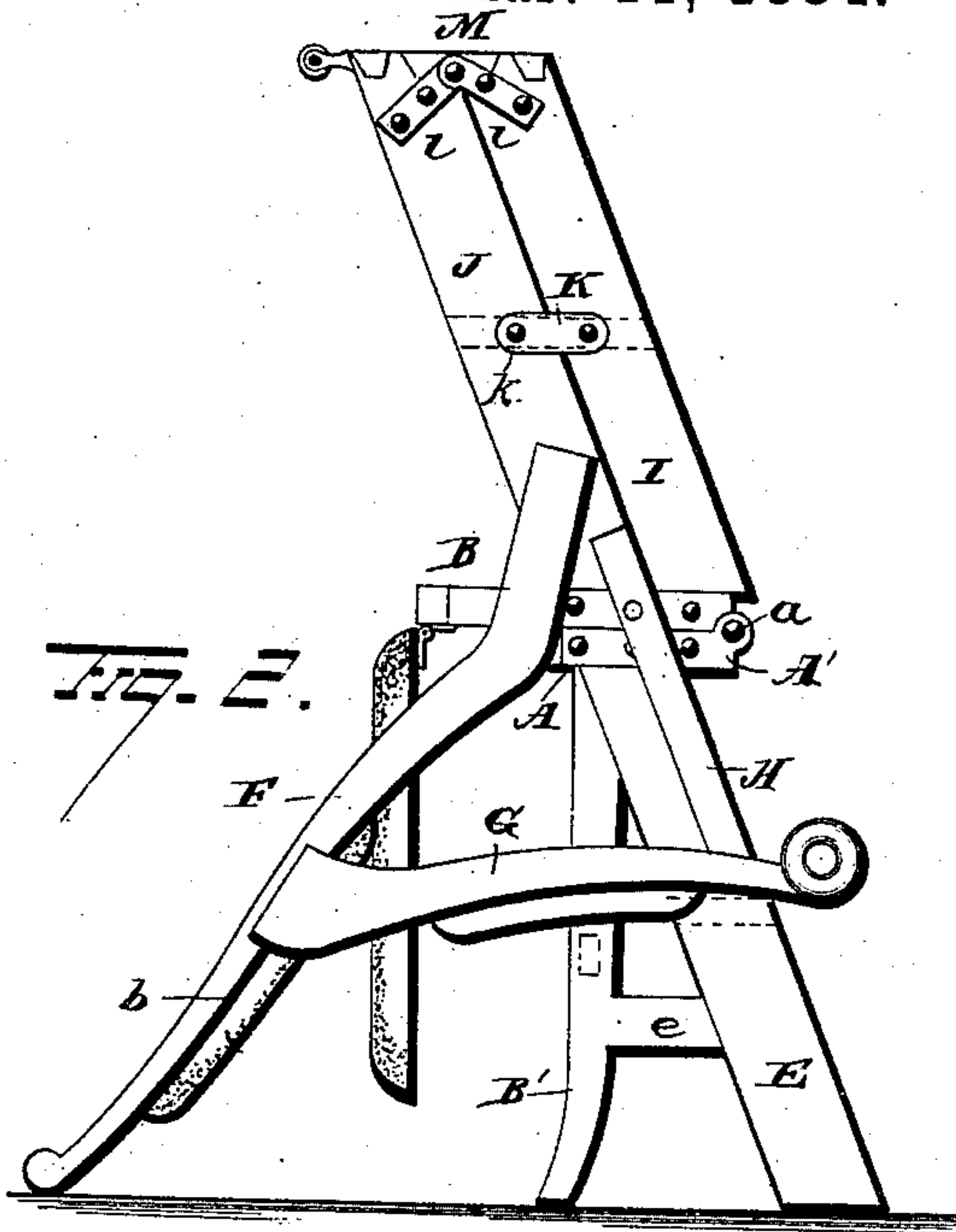
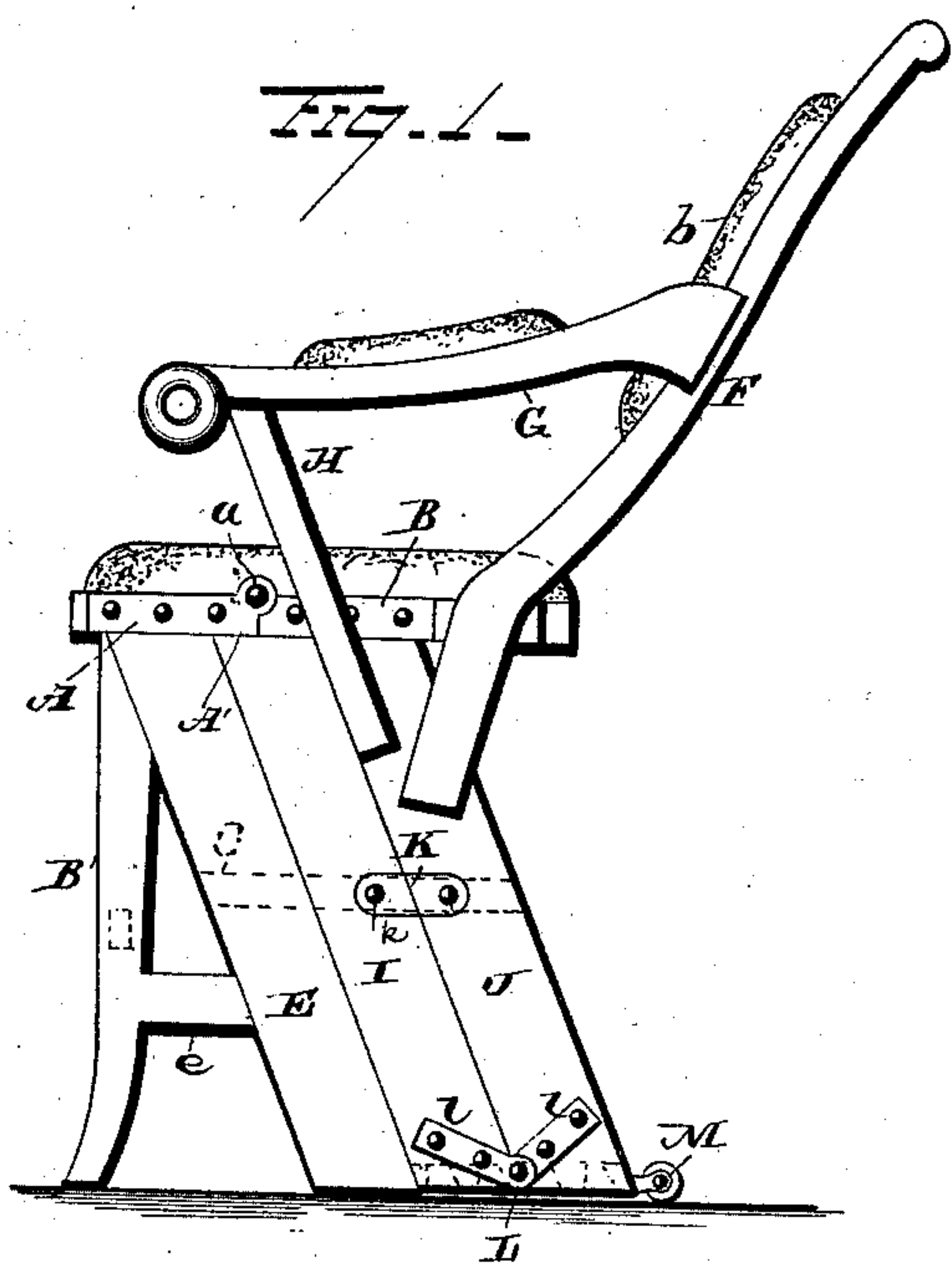
(No Model.)

2 Sheets—Sheet 1.

F. REINDEL.
STEP LADDER CHAIR.

No. 294,808.

Patented Mar. 11, 1884.



WITNESSES

S. G. Nottingham
Geo. F. Downing.

INVENTOR

F. Reinzel
By H. S. Symon
Attorney.

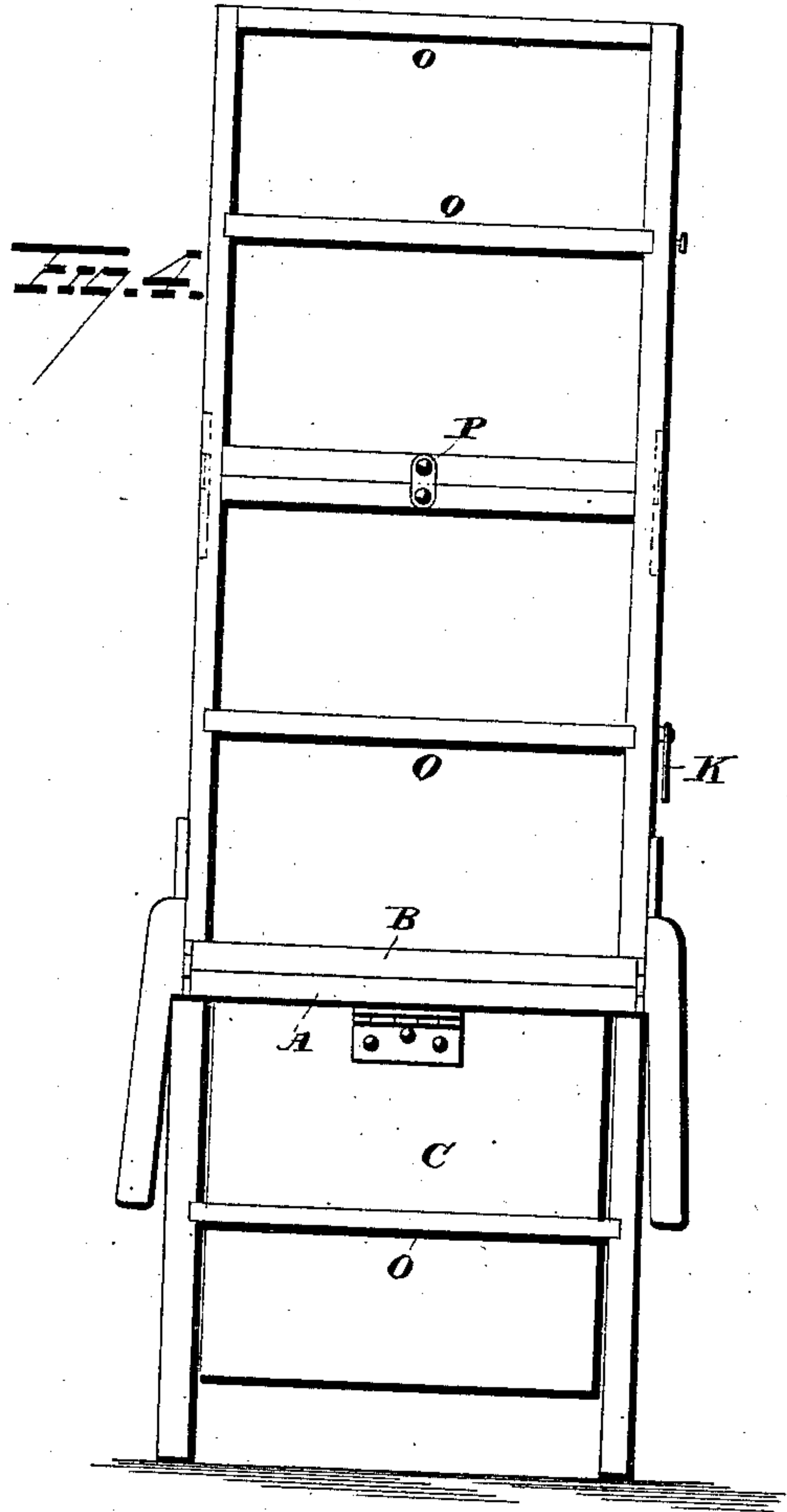
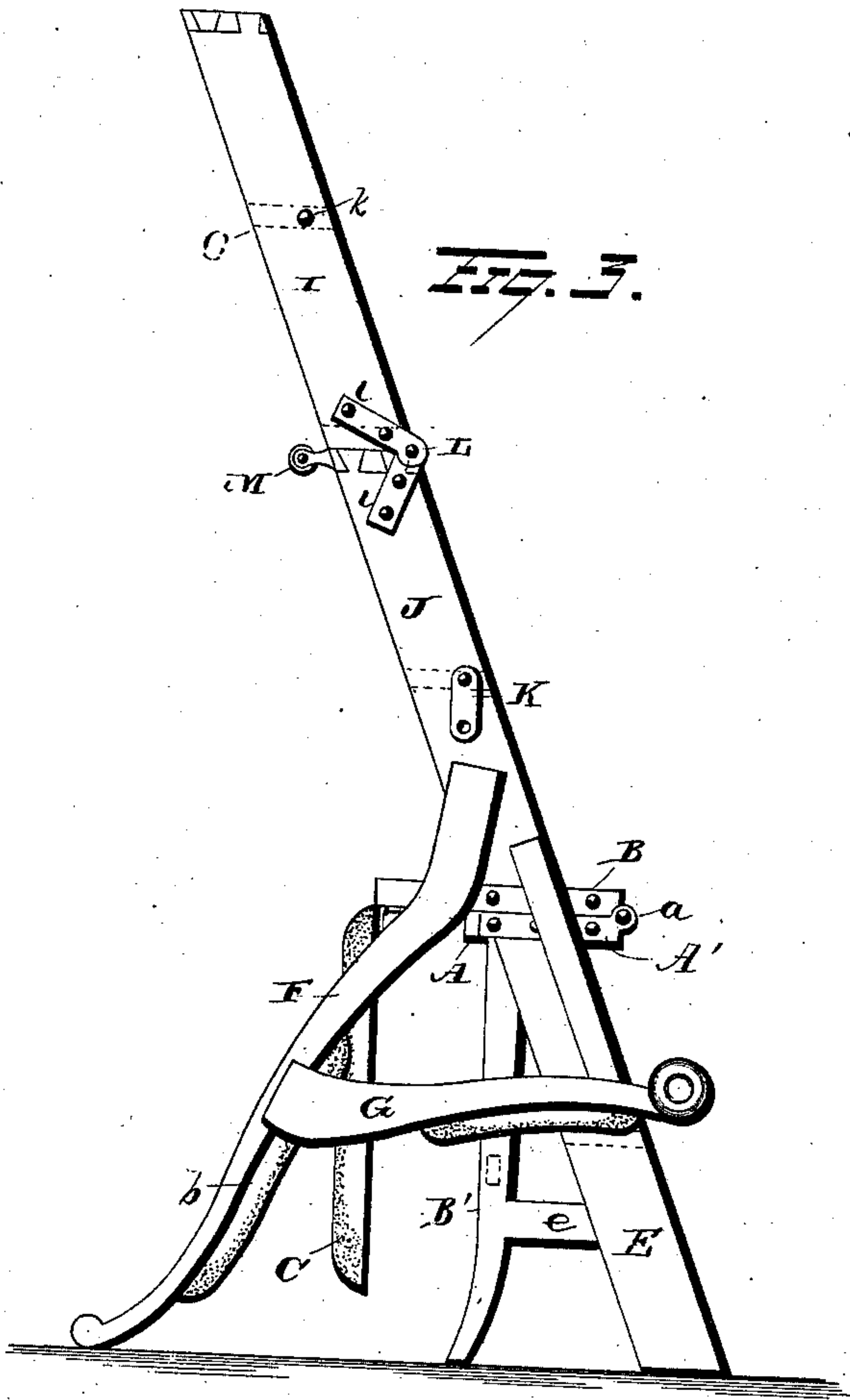
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UNITED STATES PATENT OFFICE.

FREDERECH REINDEL, OF YORK, PENNSYLVANIA.

STEP-LADDER CHAIR.

SPECIFICATION forming part of Letters Patent No. 294,808, dated March 11, 1884.

Application filed October 12, 1883. (No model.)

To all whom it may concern:

Be it known that I, FREDERECH REINDEL, of York, in the county of York and State of Pennsylvania, have invented certain new and useful Improvements in Step-Ladder 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.

My invention relates to an improvement in step-ladder chairs, the object being to provide a chair having an upholstered seat and back, and constructed to occupy a small space, and that may be readily transformed into a step-ladder; and with these ends in view my invention consists in certain features of construction and combinations of parts, as will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in side elevation of the chair with the step-ladder folded beneath the seat. Fig. 2 is a view in side elevation, showing the step-ladder unfolded or partly extended. Fig. 3 is a similar view, showing the step-ladder extended its entire length. Fig. 4 is a front view of the step-ladder when unfolded and extended, and Fig. 5 is a front view of the chair having the step-ladder folded beneath its seat.

The chair-seat is composed of the two sections A and B, hinged together by the hinges A', secured to the side edges of the seat, thus insuring a smooth unobstructed surface to the upper side of the hinged seat. Section A of the chair-seat has rigidly secured thereto the leg B' and the inclined brace E, the leg and brace being secured together, near their lower ends, by the brace c. The under side of the seat-section B has rigidly secured thereto the ends of the side sections J of the step-ladder, the upper ends of the side sections J having hinged thereto the side sections I of the upper hinged section of the step-ladder. The leaves l of the hinge L, employed in hinging together the sections I J, are located at an angle to the sides, as shown in the drawings, to insure a firm fastening for the hinge. When these sections are folded together as represented in Fig. 1, they are fastened together by means of a hook, K, pivoted to section J, and adapted to engage a pin or stud, k, on section

I. Section B of the seat has rigidly secured thereto the seat-back F, which is upholstered at b and the arm-support H. Arms G are fastened at their rear ends to the seat-back and near their forward ends to the supports H. Section J of the step-ladder has secured thereto rollers M, and when the step-ladder is folded in the position as shown in Fig. 1 the rear portion of the seat is supported by said rollers M, thereby enabling the chair to be easily moved from place to place.

C represents the seat-cushion, and is hinged to the rear edge of the rear section, B, of the seat-bottom. To transform the chair shown in Fig. 1 into a step-ladder, the parts are first adjusted to the position shown in Fig. 2, which is accomplished by unlocking the hook K and folding the section B forwardly over and upon the section A of the seat, in which position the back F will constitute a rear brace for the step-ladder. The seat-cushion C will be suspended from the seat-section B as shown in Fig. 2. Section I of the step-ladder is then raised to the position shown in Fig. 3, where it is secured by means of the hook P, which is pivoted at one end to one of the steps O, and engages a stud or pin secured to another step, O. Side pieces or braces, E, are provided with a step, O, which forms the lower step of the ladder, while the second step is formed by the seat-section B. The sections of the step-ladder are provided with any desired number of steps, O. From the foregoing it will be observed that the chair constructed as described may be readily transformed into a step-ladder consisting of the three sections E, J, and I, firmly secured together and braced, so as to be retained in an upright position by means of the legs B' and chair-arms F. When used as a step-ladder, the cushion is retained suspended as shown, and thus prevented from being unduly worn.

It is evident that slight changes in the construction of the parts might be made without departing from the spirit of my invention, and hence I do not limit myself to the exact construction shown and described; but

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a step-ladder chair, the combination,

with the hinged seat A B, of the legs B' and
brace E, secured to the section A, the section
J, rigidly secured to the section B, the section
I, pivotally secured to the section J, and hooks
5 for securing the parts in open and closed ad-
justment.

2. As a new article of manufacture, a step-
ladder chair consisting, essentially, of the
hinged seat A B, back F, hinged cushion C,
10 the legs B, and sections E I J, substantially as
set forth.

3. In a step-ladder chair, the combination,

with the sections A B, hinged together, and the
hinged cushion C, of supports rigidly secured
to the section A, and supports rigidly secured 15
to the section B, all of the above parts being
combined as described.

In testimony whereof I have signed this
specification in the presence of two subscrib-
ing witnesses.

FREDERECH REINDEL.

Witnesses:

GEORGE COOK,

S. G. NOTTINGHAM.