

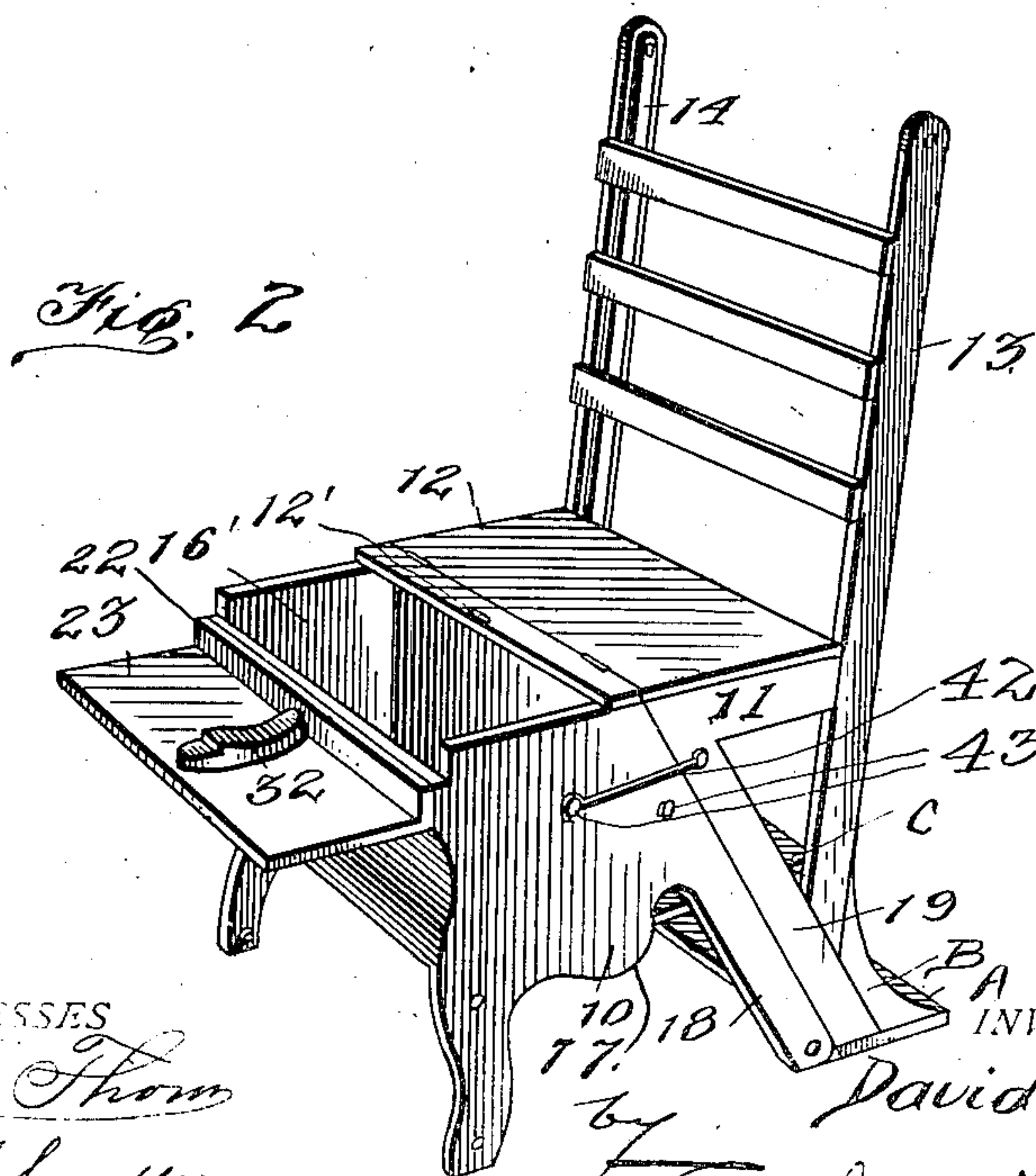
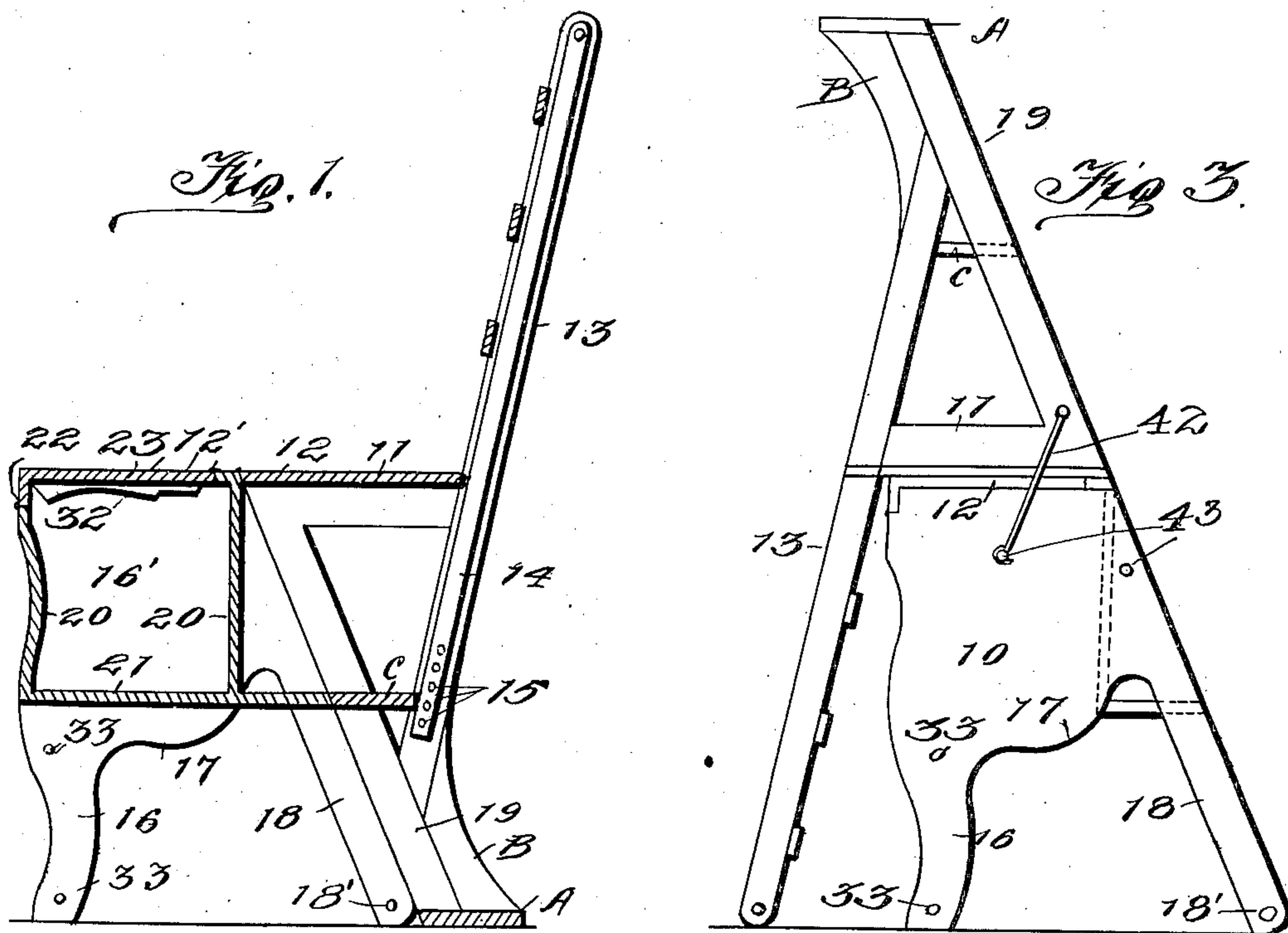
D. W. HOOK.
FOLDING CHAIR.

APPLICATION FILED NOV. 4, 1907.

Patented Jan. 26, 1909.

3 SHEETS—SHEET 1.

910,818.



WITNESSES

Geo L. Thom
E. L. Chandler

INVENTOR

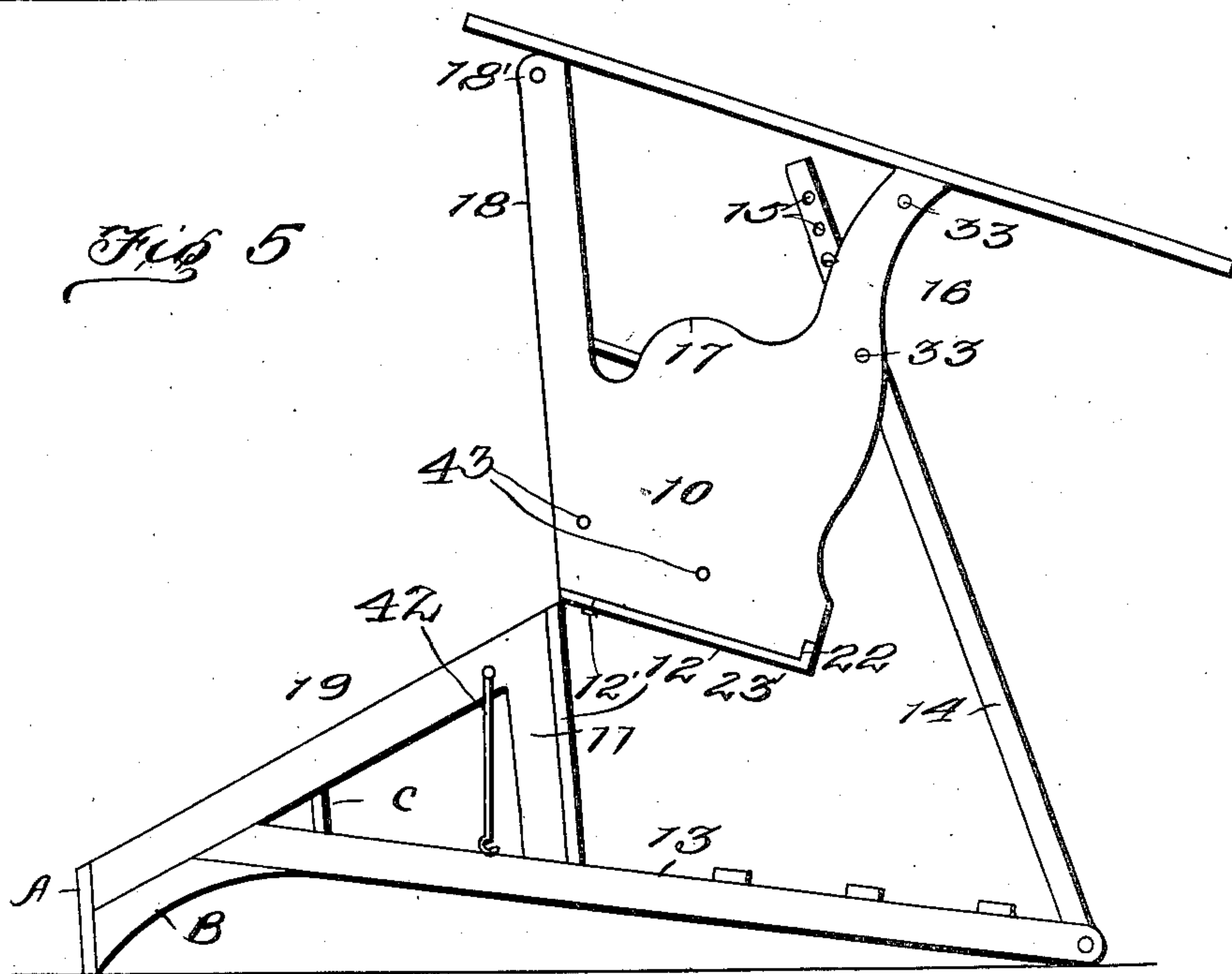
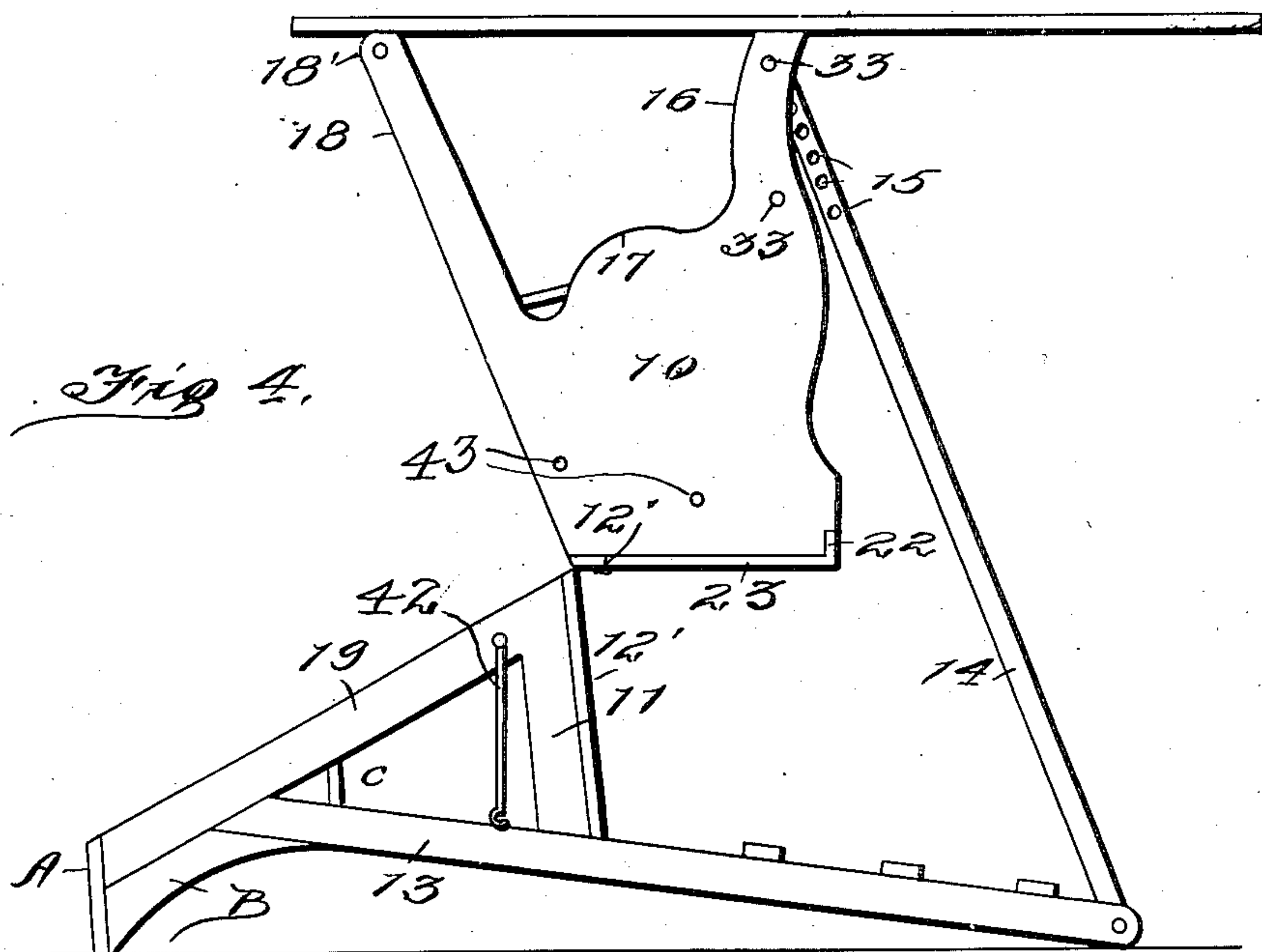
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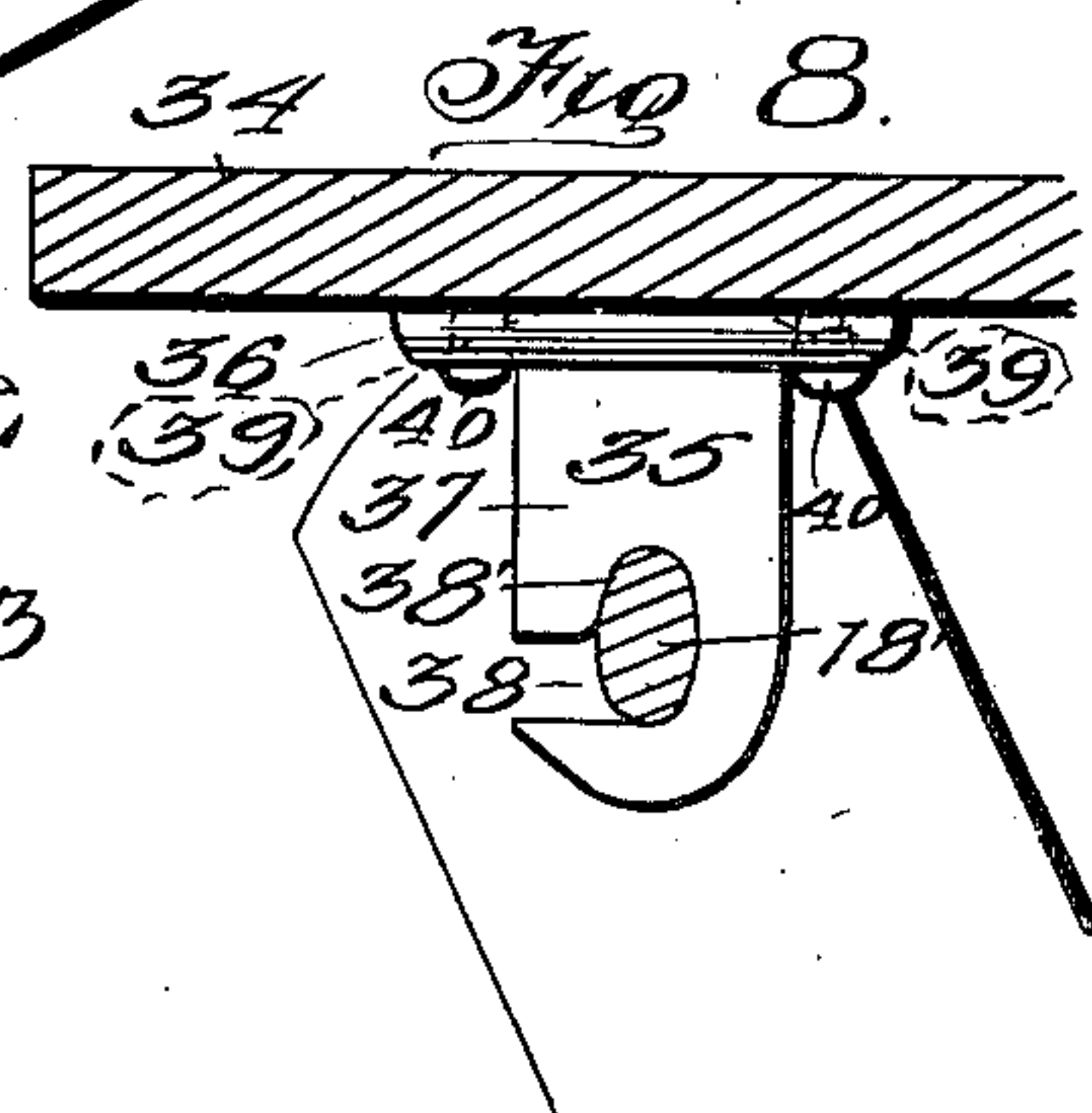
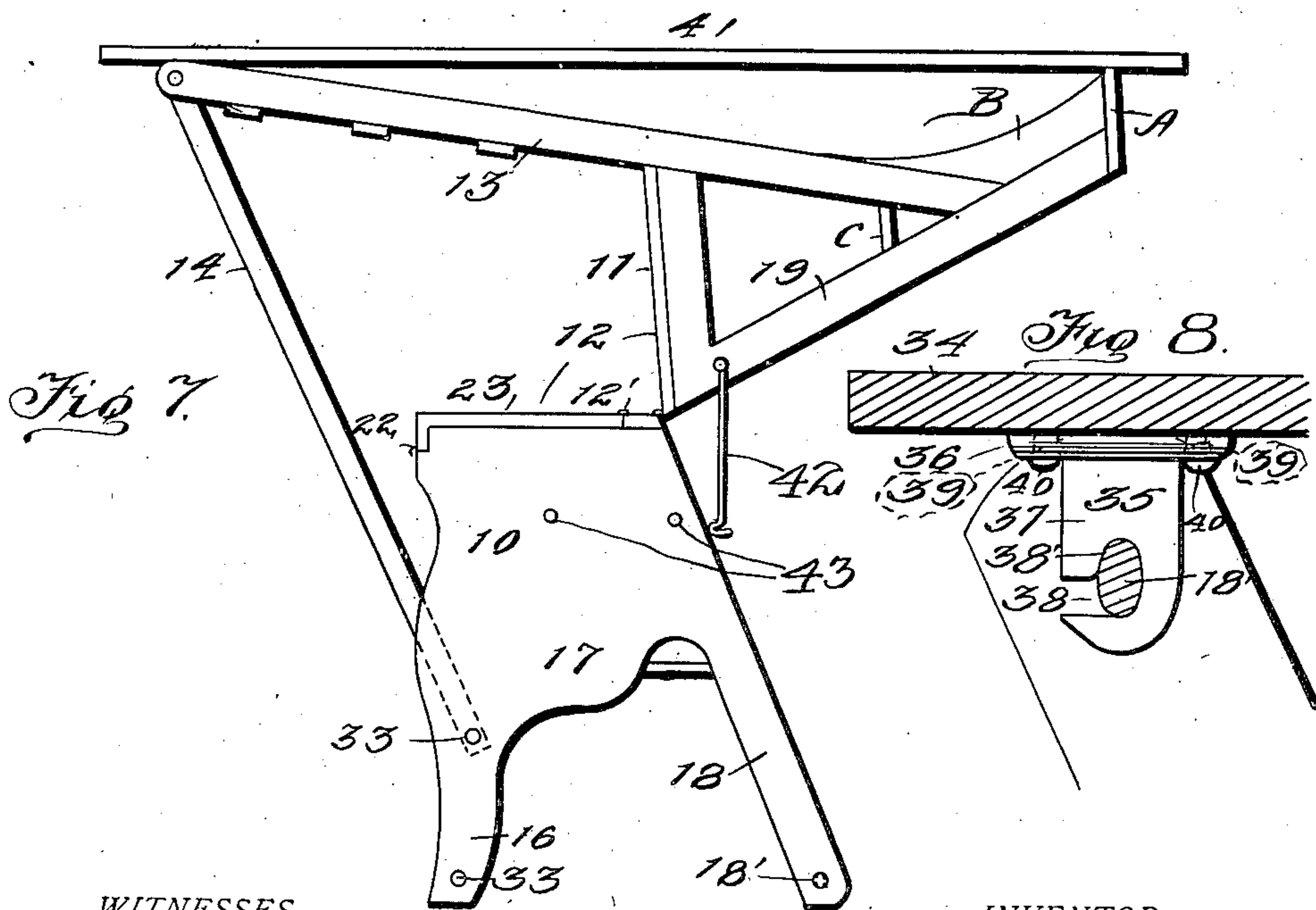
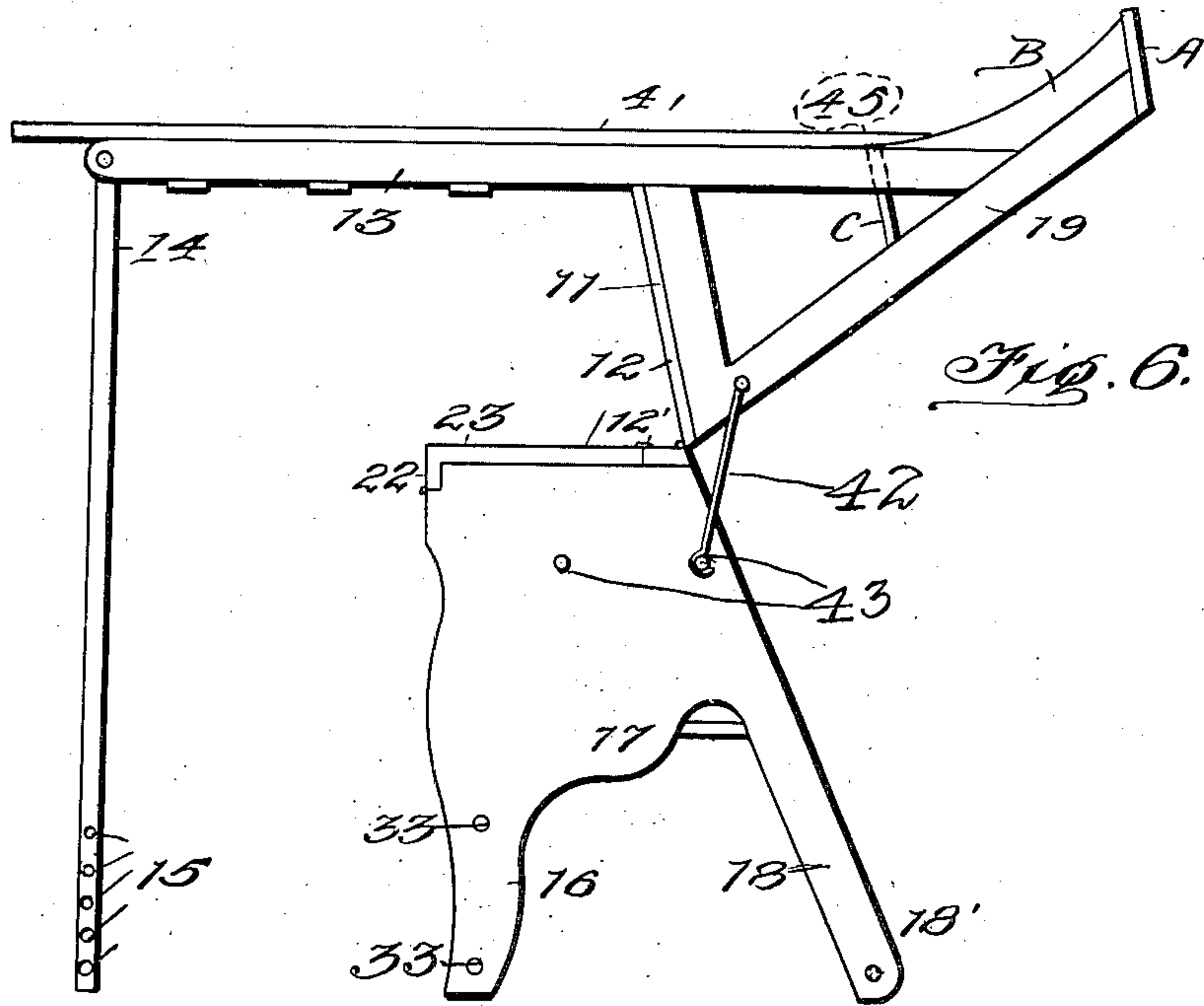
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3 SHEETS—SHEET 3.



WITNESSES
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UNITED STATES PATENT OFFICE.

DAVID W. HOOK, OF OLD FORGE, NEW YORK.

FOLDING CHAIR.

No. 910,818.

Specification of Letters Patent.

Patented Jan. 26, 1909.

Application filed November 4, 1907. Serial No. 400,588.

To all whom it may concern:

Be it known that I, DAVID W. HOOK, a citizen of the United States, residing at Old Forge, in the county of Herkimer and State of New York, have invented certain new and useful Improvements in Folding Chairs, of which the following is a specification.

This invention relates to household furniture, and more particularly to a combination chair, and has for its object to provide a chair of pivoted sections which may be folded to form, as desired: a blacking box, step ladder, and a support for a sewing table, gaming table, ironing board or drawing board. Another object is to provide such an article which will be of simple structure and easy to manufacture from stock material.

Other objects and advantages will be apparent from the following description, and it will be understood that changes in the specific structure shown and described may be made within the scope of the claim without departing from the spirit of the invention.

In the drawings forming a part of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a sectional view of the chair from one side, Fig. 2 is a perspective view illustrating the use of the box in the seat, Fig. 3 is a similar view showing the chair in use as a step-ladder, Fig. 4 is a side elevation illustrating its use as a standard for an ironing board, Fig. 5 is a similar view illustrating its use with a drawing board, Fig. 6 is a similar view, showing it used as a sewing table, Fig. 7 is a similar view, showing it in use as a gaming table, and Fig. 8 is a detail view of the means for securing the table portion upon the chair.

Referring now to the drawings, there is shown a folding chair of the usual type, having a front section 10 and a back section 11 hinged thereto at the middle of the seat 12, the back section being arranged to fold over the front section until completely inverted, to form a ladder as shown in Fig. 3. The back section 11 includes uprights 13, on the upper ends and inwardly of which rods 14 are pivotally secured, in the lower end portions of each of which there is a series of openings 15. The purpose of these rods will be subsequently disclosed. A step piece A is secured across the bases of the uprights 13 projecting backwardly thereof and being

braced by the foot pieces B. A step C is carried between the uprights 13 midway between their bases and the seat 12.

The front section 10 includes two legs 16 having enlarged and rearwardly extending upper portions 17 having backwardly and downwardly extending diagonal members 18 secured outwardly thereof and arranged to receive thereagainst like members 19 carried by the back section 11. Between the enlarged portions 17 of the legs 16 a box 16' is formed by means of front and rear boards 20 and a bottom board 21, which extends rearwardly of the box to form a part of the ladder, as shown. A strip 22 is hinged upon the upper edge of the front board 20 having a board 23 secured thereto extending laterally and inwardly thereof at right angles to form the forward portion of the seat 12 and serve as a lid for the box 16', a fastening means being provided at 12' to keep the lid closed. A block 32, shaped to receive the heel and sole of a shoe is secured laterally upon the under side of the board 23, a blacking box thus being formed beneath the seat.

Inwardly projecting pins 33 are secured upon the legs 16 below the box 16', for a purpose to be described. On the lower end of the adjacent diagonal members 18, outwardly projecting pins 18' are secured these being oval in cross section and having their major transverse dimension extending longitudinally of the members 18. The function of these pins will be indicated subsequently.

A table particularly adapted to use as a sewing table may be formed by first bringing the rods 14 forward to extend in front of the chair, and swinging the back section forward until the rods rest upon the floor. The uprights 13 will then lie in a horizontal position, and the board 41 may be positioned thereupon by engaging the castings 35 slideably between the upright 13 and against the pivoted ends of the rods 14 and engaging the far end edge of the board against the projecting step piece 45, as shown in Fig. 6. In this way a space is provided between the rods 14 and the legs 16 for the comfortable disposition of the feet of a person, allowing such person to sit close to the table, as is customary in sewing.

A gaming table may be quickly formed of the chair by bringing the back section forward and engaging the rods 14 over the pins

33, as shown, then placing the board 41 thereupon, and engaging the castings 35 between the uprights 13. The board is thus held against lateral movement, and a table
5 provided around which four or more persons may sit closely.

It will be apparent from the foregoing that a chair is presented which is foldable to form several useful household articles, each of
10 which is peculiarly adapted to the service for which it is arranged.

In order to hold the chair securely in the positions shown in Figs. 6 and 7, when the rods 14 are not available for that purpose,
15 hooks 42 are provided, carried by the diagonal members 19 and arranged to engage upon pins 43, carried by the front section, as shown.

There is shown an ironing board 34 of the usual type, having castings 35 secured to one face thereof spaced laterally of the board and adjacent to one end, which receives therebetween, the base portions of the diagonal members 18. The castings 35 each com-
25 prise a base portion 36 from which there extends a tongue 37, having near its outer end a lateral slot 38 with an oval longitudinal extension 38' in which the pins 18' are engaged. In the base 36, on each side of the tongue 37,
30 perforations 39 are provided through which screws 40 are engaged to secure the castings to the board.

A drawing board 41 is also shown, which is provided with castings 35 spaced similarly
35 to those on the ironing board, and similarly engaged upon the pins 18'.

It will be seen that the back section 11 of the chair may be turned over the front section 10 until completely inverted, and when
40 in that position a serviceable ladder is formed.

When it is desired to use the chair to support the ironing board, the rods 14 are swung over in front of the chair, which is then laid
45 upon its back and the front section 10 lifted to a vertical position. The proper openings 15 in the free ends of the rods 14 are then engaged over the pins 33 in the sides of the legs 16 to hold the section 10 of the chair rigidly
50 in its inverted position. The ironing board is then introduced over the upwardly extending ends of the diagonal members 18 in a vertical position, so that the slots 38 in the

castings 35 may receive therein the pins 18'. The board is then swung downwardly to rest
55 upon the upwardly projecting legs 16, the pins 18' thus becoming engaged in the oval extensions of the slots 38, so that disengagement is not possible until the board is again brought into a vertical position. 60

The use of the drawing board is similar to that of the ironing board, the slant of the board being governed by the selection of the openings 15 in the rods 14 in which to engage
65 the pins 33. 65

What is claimed is:

A folding chair including a front section having legs provided with enlarged rearwardly extending upper portions, said rearwardly extending portions having a forward
70 seat portion secured thereon, diagonal downwardly extending supports carried by the legs, a step piece carried between said diagonal supports, a rear section pivoted to the front section and including uprights, diagonal
75 upwardly extending supports carried by the uprights, a rear seat portion carried between the upright and the upper end of the last named support, a step piece secured across the bases of the uprights, a step piece
80 carried midway of the said last named diagonal supports, said rear section being foldable over the front section to form a ladder, a rod pivoted on one of the said sections, means
85 for securing the rod against the opposite section to hold the sections in various positions in relation to each other and particularly positions in which a plurality of supporting
90 portions are presented in a common plane, hooks carried by one of said sections, means for securing the hooks against the opposite section to hold the sections in various additional positions with relation to each other,
95 pins carried by certain of the support portions, brackets arranged to receive and lock the pins removably therein by rotative movement of the bracket, and a table portion carried by the brackets and arranged to rest
100 upon the support portions opposite to those having the pins secured thereto. 100

In testimony whereof I affix my signature, in presence of two witnesses.

DAVID W. HOOK.

Witnesses:

ELEANOR T. DE GIORGI,
WESLEY H. JOHNSON.