

No. 742,082.

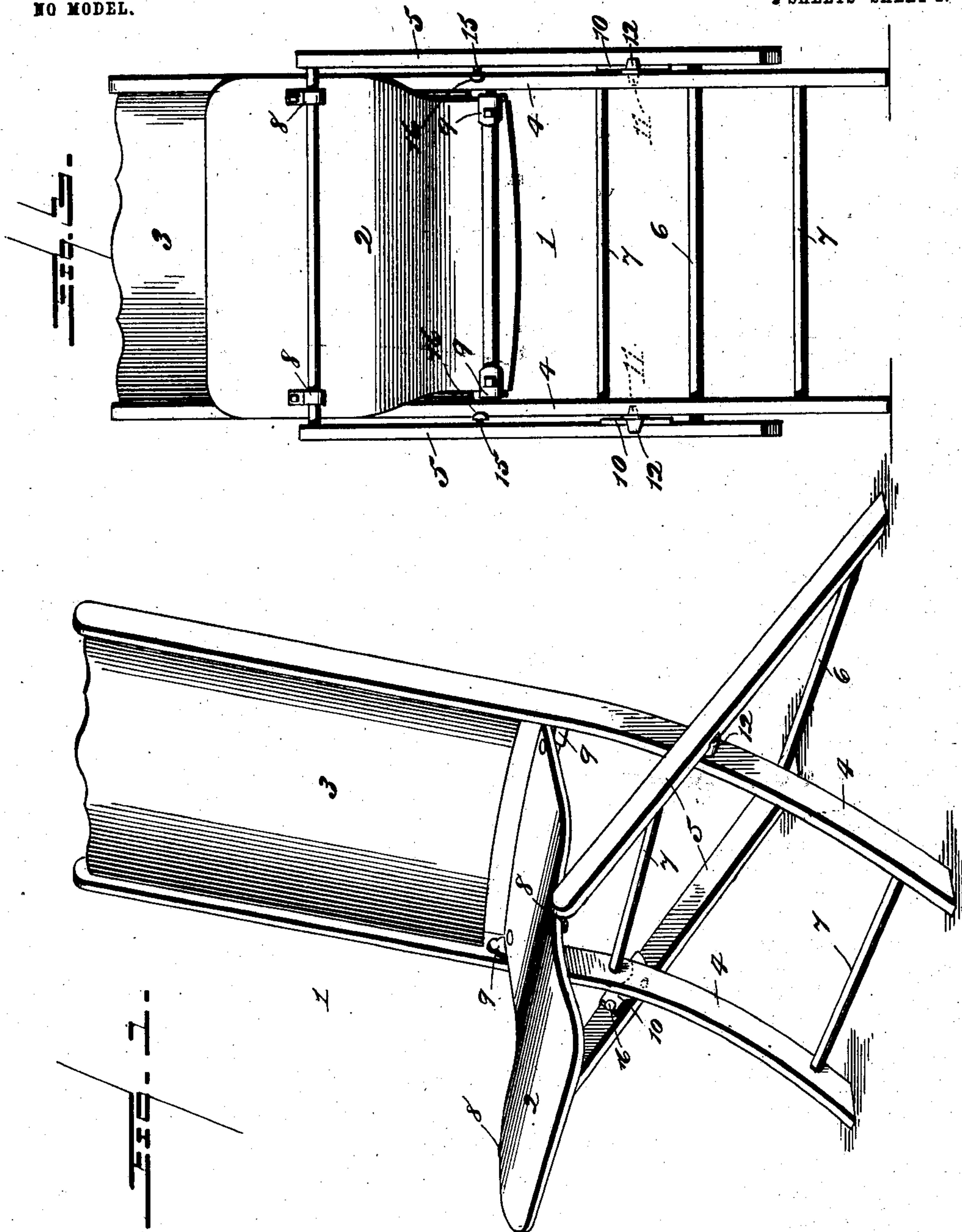
PATENTED OCT. 20, 1903.

J. H. STIGGLEMAN.
FOLDING CHAIR.

APPLICATION FILED JAN. 2, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES:

Wm. F. Doyle.
C. E. Cuffey

INVENTOR

J. H. Stiggleman,

BY

C. E. Cuffey Attorney

No. 742,082.

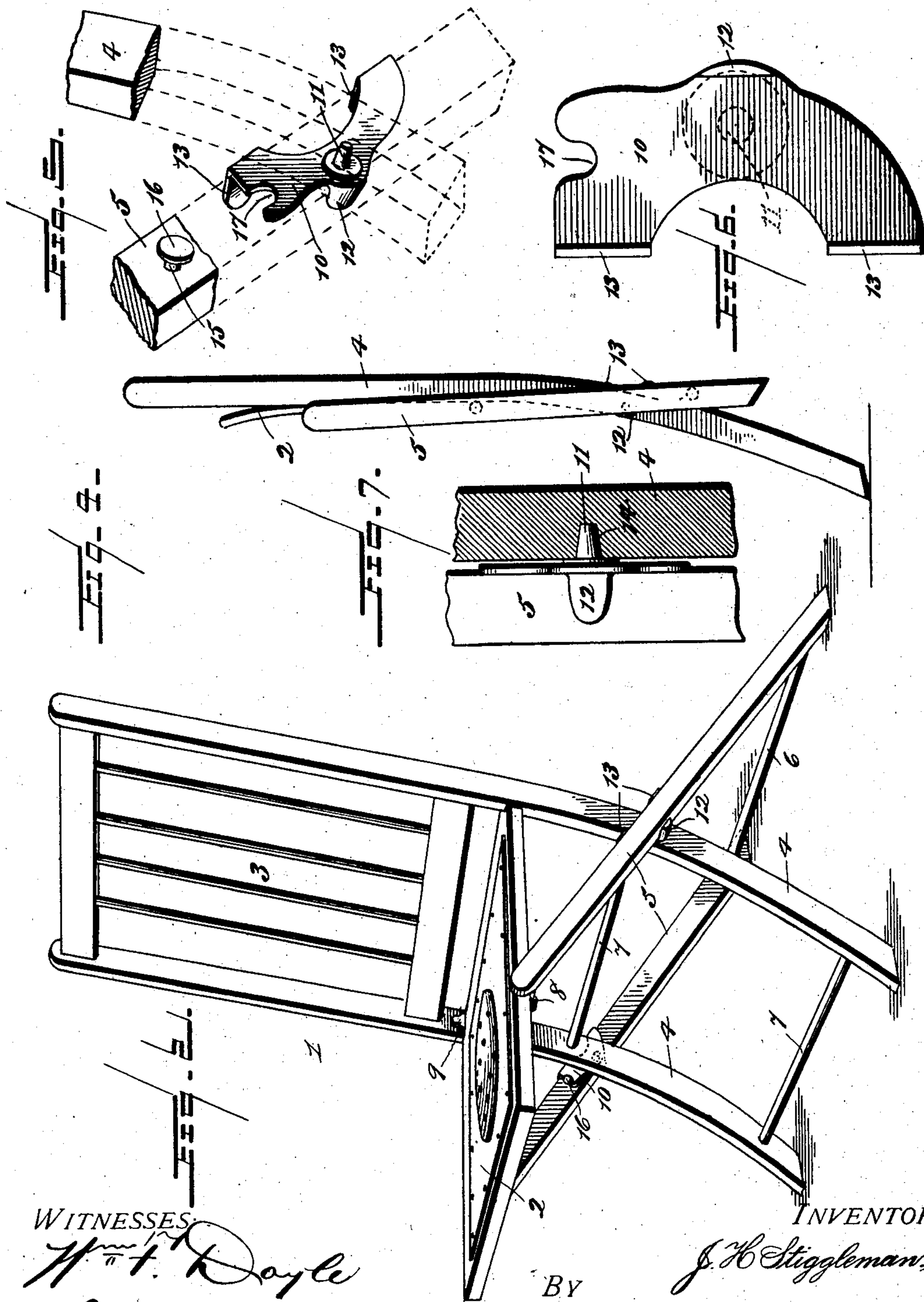
PATENTED OCT. 20, 1903.

J. H. STIGGLEMAN.
FOLDING CHAIR.

APPLICATION FILED JAN. 2, 1903.

NO MODEL.

2 SHEETS—SHEET 2.



WITNESSES

Wm. F. Doyle
C. E. Cuffey & Son

INVENTOR

BY

J. H. Stiggleman
C. E. Cuffey & Son Attorneys

UNITED STATES PATENT OFFICE.

JAMES H. STIGGLEMAN, OF WABASH, INDIANA.

FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 742,082, dated October 20, 1903.

Application filed January 2, 1903. Serial No. 137,408. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. STIGGLEMAN, a citizen of the United States, residing at Wabash, in the county of Wabash and State of Indiana, have invented certain new and useful Improvements in Folding Chairs; and I do 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, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to furniture, but particularly to chairs, and more specifically to folding chairs, and has for its object to provide a device of this class which is particularly simple in construction, easy of operation, strong, durable, and efficient.

With this object in view my invention consists in the novel construction of my pivoted detent.

My invention also consists in certain other novel features of arrangement and in combination of parts, which will be first fully described, and afterward specifically pointed out in the appended claims.

Referring to the accompanying drawings, Figure 1 is a perspective view of a folding chair having a veneer back and seat constructed in accordance with my invention. Fig. 2 is a perspective view of a folding chair having a spindle-back and veneer seat constructed in accordance with my invention. Fig. 3 is a front elevation of chair shown in Fig. 1 in a folded position. Fig. 4 is a side elevation of the same. Fig. 5 is a fragmentary enlarged detail perspective of my pivoted detent. Fig. 6 is a plan of the outer side of the pivoted detent. Fig. 7 is a view, partly in section, showing pivoted detent in position.

Like numerals of reference indicate the same parts throughout the several figures, in which—

1 is the chair, having the seat 2 and back 3.

4 indicates the long legs, and 5 the short legs.

6 indicates the round or reach, tying the short legs together, and 7 indicates the rounds of the long legs. The short legs are suitably hinged or pivoted to the seat at 8, and the

seat is suitably hinged or pivoted to the long legs at 9.

10 indicates my pivoted detent which is provided with a gudgeon 11, cast integrally therewith considerably forward of the center of said detent. A flange 12 is cast on the forward edge of said detent, and two flanges 13 are cast on the rear edge of the same, between which forward and rear flanges the short legs slide. The gudgeon 11 does not extend entirely through the long leg; but said long leg is provided with a recess 14, within which said gudgeon enters. The consequence of this construction is a perfectly smooth leg which adds much to the general appearance of the chair.

On the short leg I provide a stop 15, provided with a flanged head 16, and in the upper portion of the plate of the pivoted detent I provide a notch 17, within which said stop enters.

Having thus described the several parts of my invention, its operation is as follows: I wish to draw particular attention to the eccentric position of the gudgeon on the pivoted detent, as this construction makes it possible to fold a chair which is provided with the round or reach 6, as shown in Fig. 4, as it is obvious that if the said gudgeon were centrally located the short legs would fold directly upon the long legs, which would cause the round or reach 6 to come in contact with the long legs, thus preventing a compact folding. The chair is folded in a manner similar to chairs of this type. When it is desired to open the same, however, the seat is lowered, which slides the short legs between the forward and rear flanges on the plate of the pivoted detent until the stop 15 engages the notch 17 of the plate of the pivoted detent. The flanged head 16 of said stop passes over the metal surrounding said notch, which securely locks the long and short legs together and prevents absolutely any lateral movement. This lock is of such a character that the greater the weight on the seat of the chair the tighter and more firmly the legs are secured together. In order to fold the chair, the seat is swung up against the back, as shown in Figs. 3 and 4.

Having thus set forth my invention, I do not wish to be understood as limiting myself

to the exact construction herein set forth, as various slight changes may be made therein which would fall within the limit and scope of my invention, and I consider myself clearly
5 entitled to all such changes and modifications.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a folding chair the combination with
10 the long legs, and short legs, of pivoted detents and eccentrically-located gudgeons on said pivoted detents adapted to enter said long legs, outwardly-projecting flanges on
15 said pivoted detents, between which the short legs slide, a stop provided with a flanged head on said short legs, said pivoted detent being provided with a notch to receive said stop, whereby the flanged head of said stop securely holds the two legs together, preventing any separation thereof, substantially as described.

20 2. In a folding chair, the combination with the long legs, and short legs, of pivoted detents, eccentrically-located means on said pivoted detent adapted to enter said long legs, outwardly-projecting flanges on said detent
25 between which the short legs slide, a stop on said short legs, adapted to limit the slide of said short legs, and to prevent any separation

of the long and short legs, and means in said pivoted detent for receiving said stop, substantially as described. 30

3. In a folding chair, the combination with the legs thereof, of a pivoted detent, eccentrically-located means thereon adapted to enter a pair of said legs, means on said detent for guiding the other pair of legs, a stop on
35 said legs, adapted to prevent any lateral movement of said legs relatively, and means on the pivoted detent for receiving the stop.

4. In a folding chair, the combination with the legs thereof, of a pivoted detent, eccentrically-located means thereon adapted to enter one pair of legs, and stops secured to the other pair of legs to be engaged by said pivoted detents and adapted to limit the slide of
40 said legs when the chair is unfolded, and to prevent lateral movement of said legs relatively. 45

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

JAMES H. STIGGLEMAN.

Witnesses:

WILL H. ANDERSON,
JAMES W. STEWART.