

(No Model.)

A. VAN WIE.

EXTENSIBLE BOTTOM FOR CHAIRS AND LIKE ARTICLES.

No. 323,610.

Patented Aug. 4, 1885.

Fig. 1.

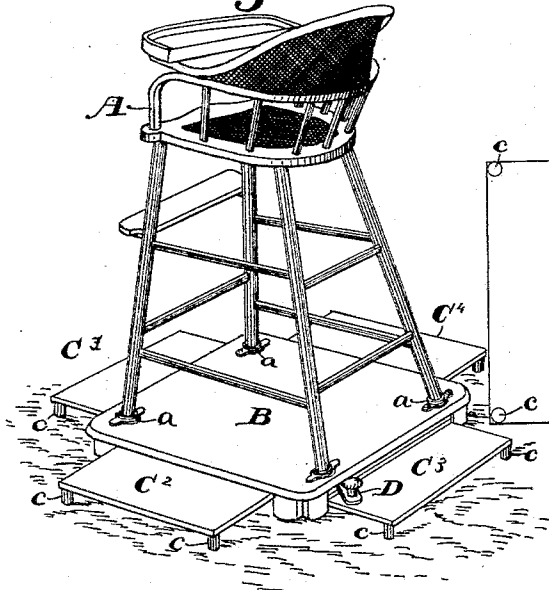


Fig. 3.

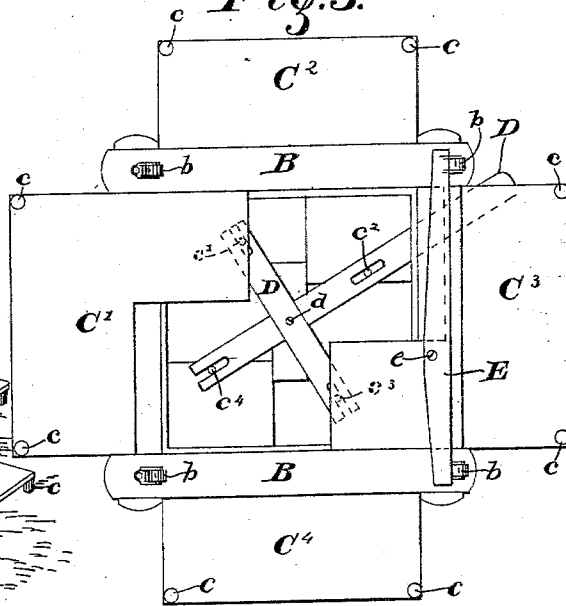


Fig. 2.

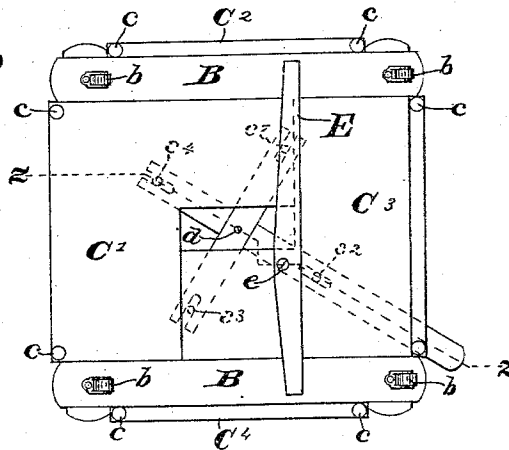
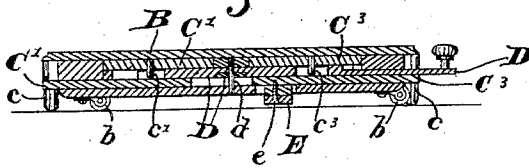


Fig. 4.



WITNESSES.

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EXTENSIBLE BOTTOM FOR CHAIRS AND LIKE ARTICLES.

SPECIFICATION forming part of Letters Patent No. 323,610, dated August 4, 1885.

Application filed February 27, 1885. (No model.)

To all whom it may concern:

Be it known that I, AVERY VAN WIE, of the city of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Extensible Bottoms for Chairs and other Like Furniture, of which the following is a specification.

The object of my said invention is to provide chairs and other furniture, especially children's high chairs, with a bottom portion which may be extended when in use, to prevent the chair from being tipped or thrown over, and contracted when not in use to within about the space usually occupied by the legs or lower portion of the chair. This object is accomplished by providing wings adapted to slide into the casing upon which the legs of the chair are generally secured, and an armed lever provided with a slot for each wing, into which a pin upon said wing will project, the operation being, when the lever is thrown one way, to force the wings out into an extended position, and when thrown the other way to draw them inside the casing, as will be hereinafter more particularly described.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of a child's chair mounted upon a base embodying my invention; Fig. 2, an under side plan of said base, the wings being withdrawn into the casing; Fig. 3, an under side plan of said base with the bottom part removed and the wings extended, and Fig. 4 a transverse section of the base on the dotted line $z z$ in Fig. 2.

In said drawings, the portions marked A represent the chair; B, the casing of the base; $C^1 C^2 C^3 C^4$, the extensible wings of the base; D, the lever by which these wings are operated, and E a brake connected to one of said wings, by which casters, which may be placed upon the bottom of the base to facilitate the moving of the chair, may be locked in position when the wings are extended.

The chair A is or may be of any ordinary construction, and may be replaced with any other article of furniture—such as a stool, stand, table, or anything which it is desired to provide upon occasion with an extensible

base, to prevent it from being tipped or thrown over. The legs of these articles are usually firmly secured to the top part of the base B, the legs of the chair shown being shown as being secured to small iron winged sockets a .

The casing B of the base consists of an upper and an under board and suitable interposed parts at the corners, holding them the proper distance apart to permit the wings to pass between them.

The wings $C^1 C^2 C^3 C^4$ are each formed halved at the inner end, so that the extended half of one may pass by the extended half of the other, thus permitting said inner ends, when drawn in, to extend between the center of the base portion, and to bring the outer ends in substantially flush with the outside of the base. The wings upon opposite sides run in the same plane, and thus four wings only occupy the space of two. Each wing is provided on the outer end at the corners with downwardly-projecting portions or knobs c , which extend down and nearly come in contact with the floor, so that as soon as the chair is tipped in any direction some of said knobs will strike the floor and prevent it going any farther. Upon the inner end, near the point of the longest half, these extensible wings are provided, respectively, with the pins $c^1 c^2 c^3 c^4$, with which slots in the arms of the lever D engage.

The lever D is mounted upon the pivot d in the center of the base, and is adapted to be moved back and forth around said pivot. It has four arms, corresponding to the four extensible wings, and in each arm at an appropriate point it is provided with a slot, which engages with the pins upon the inner ends of said wings. Thus, as will be readily understood, when said lever is moved in one direction, it throws said wings out a considerable distance from the side of the base, as shown in Figs. 1 and 3, and when moved in the other direction withdraws them into the base, as shown in Figs. 2 and 4.

The brake E is simply a bar secured to one of the wings by a bolt or pivot, which comes out through a slot in the board from near the under side of the base B. It is secured at such a point that when the wings are extended it

will just come in contact with and lock the casters *b*, upon which the structure is mounted, as indicated most plainly in Fig. 3.

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

1. In a base for furniture, the combination of extensible wings, sliding in ways and provided with pins upon the inner ends, and an armed lever pivoted in the center of the base, and provided with slots which engage with said pins, whereby said wings may be operated.

2. The combination of a base, *B*, consisting of an upper and a lower part and interposed corner-pieces, leaving ways between said corner-pieces, extensible wings mounted in said ways, and a slotted lever engaging with the inner ends of said wings, substantially as set forth.

3. The combination of an inclosing-frame,

extensible wings therein, the inner ends of which are halved, and thus permitted to pass by each other, the slotted lever pivoted in the center of said casing, the slots whereof engage with pins upon the inner ends of said extensible wings.

4. The combination, in a furniture-base, of an inclosing-casing, extensible wings mounted therein, a lever for operating said wings, and a brake-bar secured to one of said wings, by which the casters which support said base are locked in position as the said wings are extended.

In witness whereof I have hereunto set my hand and seal at Indianapolis, Indiana, this 20th day of February, A. D. 1885.

AVERY VAN WIE. [L. S.]

In presence of—

C. BRADFORD,
D. D. VAN WIE.