

No. 664,542.

Patented Dec. 25, 1900.

E. FIRNHABER.

PLAYING BOARD AND GUARD FOR INFANTS' CHAIRS.

(Application filed June 23, 1900.)

(No Model.)

Fig. 1.

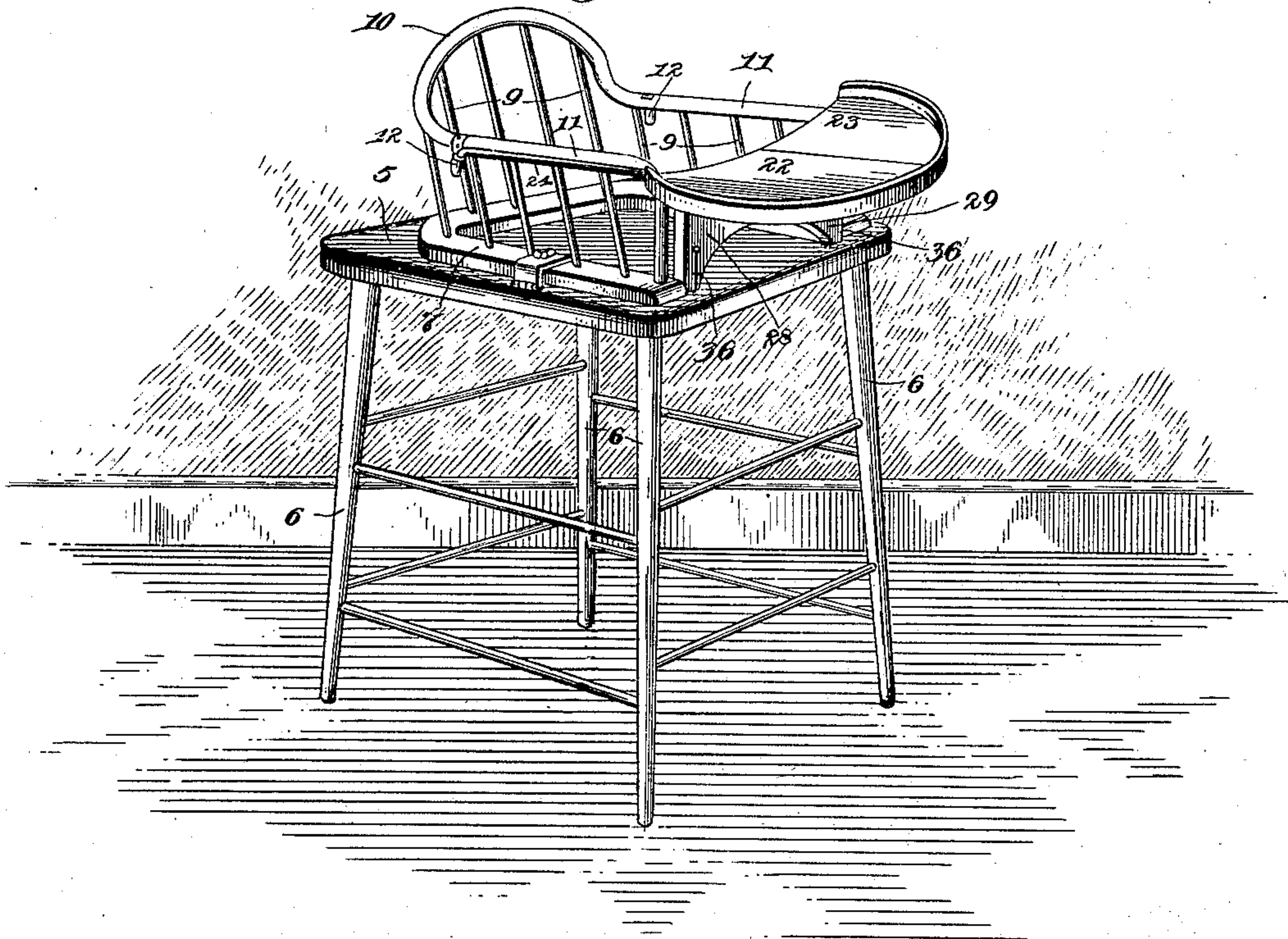


Fig. 2.

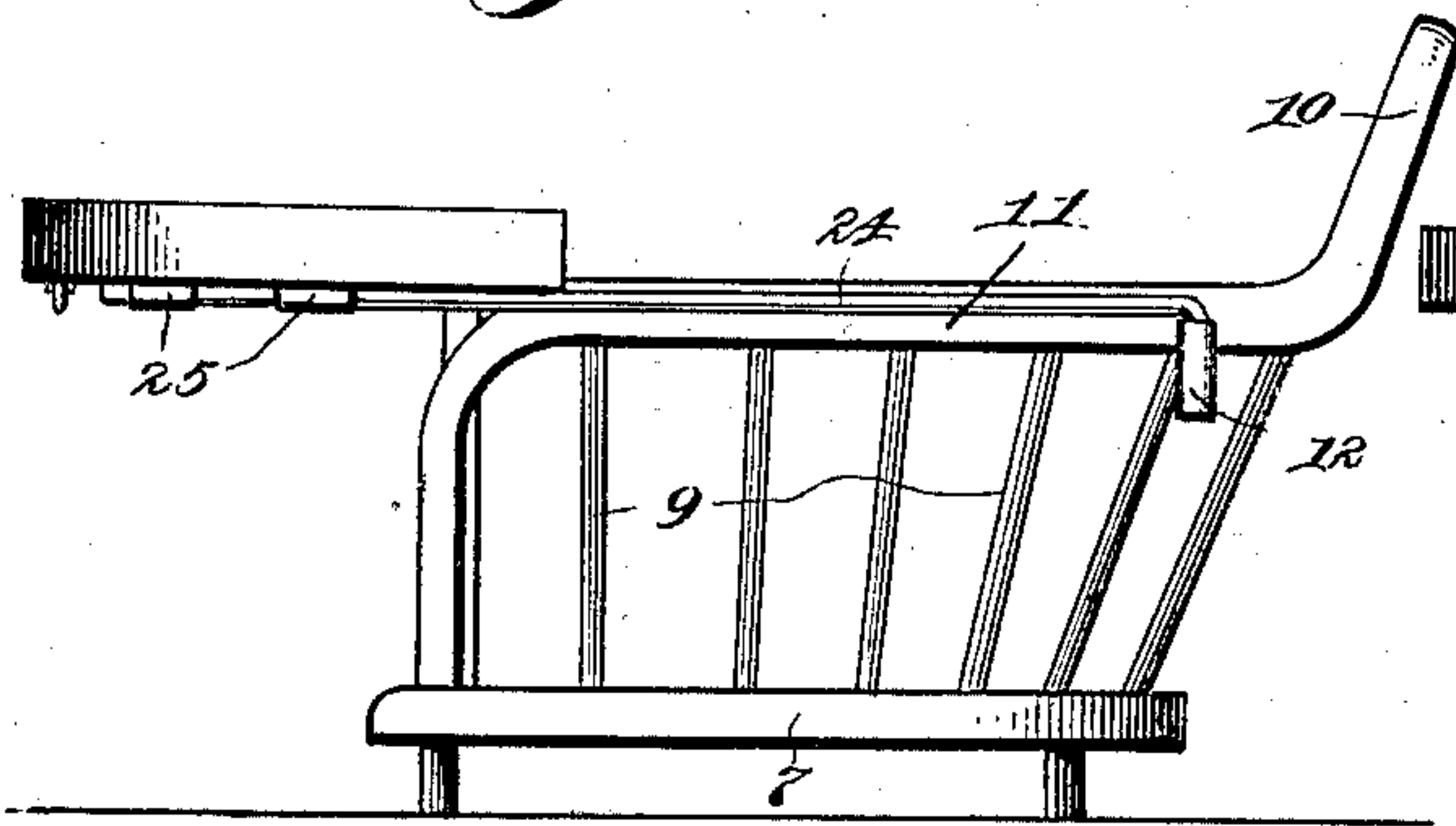


Fig. 3.

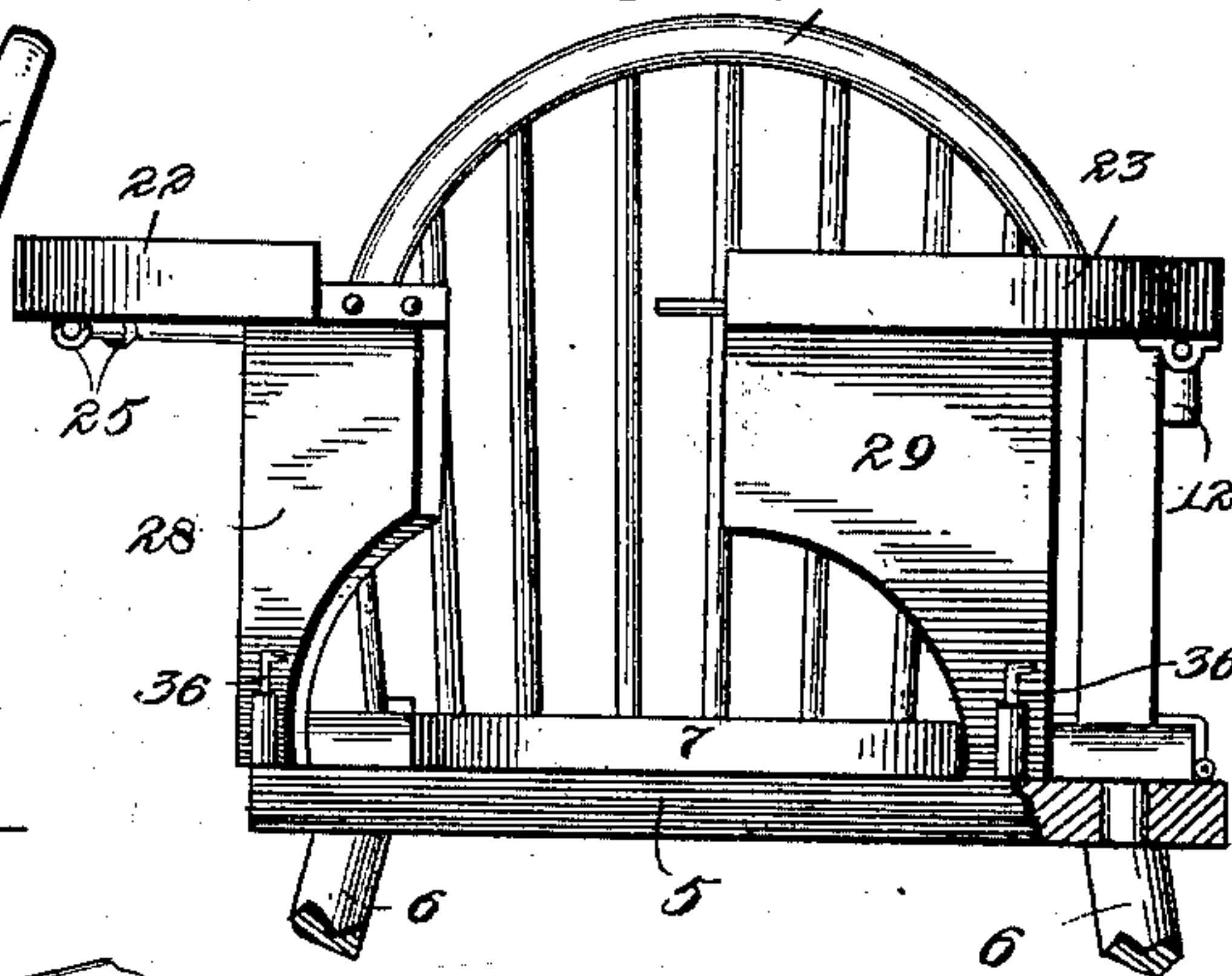
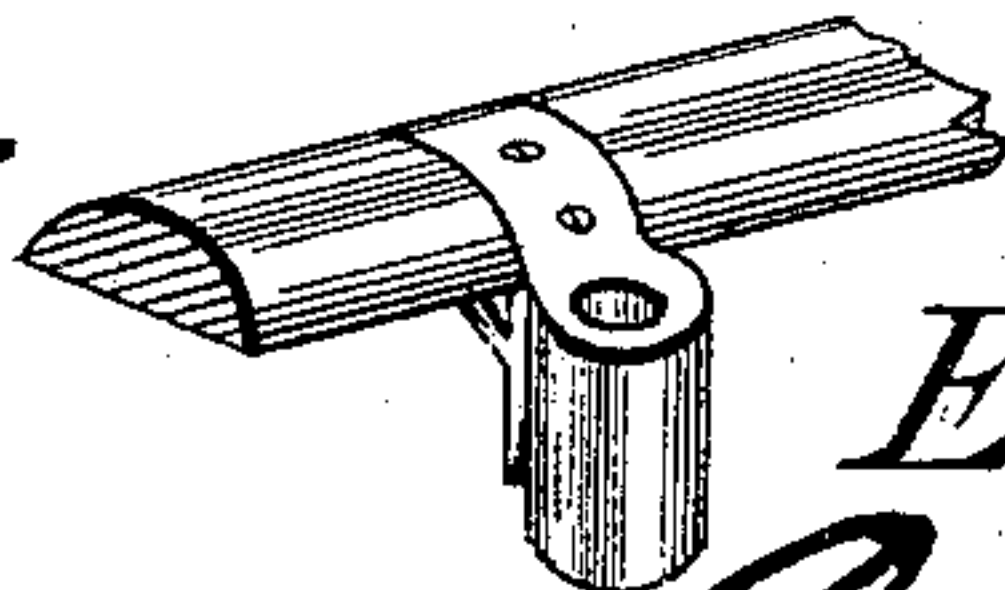


Fig. 4.



Witnesses

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EDWARD FIRNHABER, OF WORMS, NEBRASKA, ASSIGNOR OF ONE-HALF
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PLAYING-BOARD AND GUARD FOR INFANTS' CHAIRS.

SPECIFICATION forming part of Letters Patent No. 664,542, dated December 25, 1900.

Original application filed January 6, 1900, Serial No. 574. Divided and this application filed June 23, 1900. Serial No. 21,323. (No model.)

To all whom it may concern:

Be it known that I, EDWARD FIRNHABER, a citizen of the United States, residing at Worms, in the county of Merrick and State of Nebraska, have invented a new and useful Playing-Board and Guard for Infants' Chairs, of which the following is a specification.

This invention relates to infants' chairs in general, and more particularly to playing-boards therefor, this application being a divisional application from my original application for patent on an infant's chair, filed January 6, 1900, Serial No. 574, one object of the invention being to provide a structure where-
in the playing-board may be assembled and disassembled, the board being supported in its assembled position by a guard which prevents egress of the infant below the board.

Further objects and advantages of the invention will be evident from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view showing the board and guard attached to a chair. Fig. 2 is a side elevation of the upper portion of a chair and showing the slidable connection between a playing-board section and its pivoted supporting-arm. Fig. 3 is a front elevation of the upper portion of a chair and showing the parts of the board and guard separated. Fig. 4 is a detail perspective view showing one of the socket-pieces carried by the chair-arms and in which the supporting-arms of the board are pivoted.

Referring now to the drawings, 5 represents the seat of a chair having legs 6, and upon this seat 5 is disposed a U-shaped plate 7, held in place by dowel-pins engaged with perforations in the seat. The plate 7 has spindles 9 engaged therewith at their lower ends, the upper ends of the spindles being engaged with a piece forming a back 10 and arms 11. The arms 11 have socket-plates 12 secured thereto, as shown.

The playing-board is of the usual shape and comprises two sections 22 and 23, respectively, the board being substantially semi-elliptical and the sections being divided on the line of the minor diameter of the

ellipse. The sections 22 and 23 are adapted for connection end to end by means of dowel-pins engaging recesses in the usual manner and which hold the sections in coöperative relation. Supporting-arms 24 in the form of rods have their inner ends bent downwardly and pivotally engaged with the socket-plates 12, while the outer ends of the arms are slidably engaged with guide-plates 25, secured to the under sides of the playing-board sections, and which guide-plates may be in the form of staples. With this construction it will be seen that the playing-board may be moved bodily toward and away from the arms of the chair or may be entirely removed without disassembling the sections of the board to permit placing and removal of an infant and also that the sections thereof may be separated when desired by disengaging the dowel-pins from their recesses. The playing-board sections are held normally against this separation by a hook 15, adapted for engagement with an eye 16, said hook and eye being secured to separate sections of the board.

From an inspection of the construction above described it will be seen that the inner edges of the playing-board sections are not sufficiently supported by the dowel-pins to withstand heavy pressure, and to further support them and also to prevent egress of an infant below the board a two-part guard is provided. This guard comprises two members 28 and 29, which are secured at their upper edges to the members 22 and 23, respectively, these members 28 and 29 having their lower inner corners cut away, as illustrated in Fig. 3, and they form, in effect, an arch the lower ends of which are adapted to lie upon the upper surface of the seat 5 and support the playing-board sections 22 and 23.

The guard-sections 28 and 29 are movable with the playing-board sections 22 and 23, and thus when the board-sections are swung outwardly the guard-sections are similarly moved to permit seating and unseating of the infant. To prevent accidental outward movement of the guards, each section 28 and 29 thereof is provided with a bolt 36, and which bolts are adapted to engage corresponding openings in the seat 5, these bolts also preventing the playing-board and guard from

moving outwardly by reason of the slidable engagement of the board-sections with the arms. With this construction it will be seen that the seat supports the arms, the arms support the playing-board, the playing-board carries the guard, and the guard when supported by the seat supports the playing-board, and hence when the several parts are assembled there is a coöperation between them, as each part is dependent upon another, which in turn is dependent upon another.

In practice various modifications may be made and any suitable materials and proportions may be used without departing from the spirit of the invention.

What is claimed is—

1. The combination with a chair-seat of arms connected with the seat, a playing-board comprising separable sections pivotally connected with the arms, and a guard connected to the playing-board and adapted to rest upon the chair-seat when the latter is in its operative position.

2. The combination with a chair-seat having arms, of a playing-board comprising separable sections pivotally connected with the chair-arms, and a guard comprising sections each connected to a section of the playing-board and disposed to rest upon the chair-seat and support the playing-board when the latter is in its operative position.

3. The combination with a chair, of supporting-arms pivotally connected therewith, a playing-board comprising separable sections, each of which is slidably connected with a supporting-arm, and a guard comprising sections, each of which is connected to a section of the playing-board and adapted to rest upon the chair and support the playing-board when the latter is in its operative position.

4. The combination with a chair and supports pivotally connected therewith, of a playing-board comprising separable sections each of which is slidably connected with a support, and means for holding the sections in coöperative relation with respect to each other and the chair, whereby the playing-board may be moved slidably without disassembling or pivotally by disassembling, to permit placing and removal of an infant.

5. A playing-board adapted for connection to a chair, and a chair-guard connected with and sustained by the board and extending therebelow at both sides of the board to prevent egress from the chair below the board.

6. The combination with a chair of a playing-board pivoted thereto, a guard connected with the board and movable therewith, said guard being disposed to lie at times upon the adjacent portion of the chair and support the board.

7. The combination with a chair, of a playing-board comprising sections independently pivoted to the chair, a guard comprising sections connected with their respective sections of the playing-board and disposed to rest upon the chair-seat and support the playing-board, said guard-sections being movable with the playing-board sections into and out of operative relation.

8. The combination with a chair, of a playing-board comprising sections pivotally and slidably mounted with respect to the chair, a guard including sections corresponding to and connected with their respective sections of the playing-board, said guard-sections being movable with the playing-board sections and adapted to rest upon the chair and support the playing-board when the sections thereof are in coöperative position.

9. A playing-board adapted for movable connection with a chair, a chair-guard connected to and movable with and adapted to support the playing-board when the board is in its operative position, and means carried by the guard for engagement with a chair to hold the playing-board against movement.

10. A playing-board adapted for movable connection with a chair, a chair-guard adapted to support the playing-board when said board is in its operative position, and means carried by the guard for holding the playing-board against movement.

11. A playing-board adapted for connection with a chair, said board comprising independently-movable sections, and a chair-guard comprising sections attached to and movable with the playing-board sections into and out of engagement with the chair, the guard-sections being disposed to lie at times upon the chair-seat to support the playing-board when the parts thereof are in coöperative position.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

EDWARD FIRNHABER.

Witnesses:

J. H. WOOLLEY,
P. MATUSCHKA.