

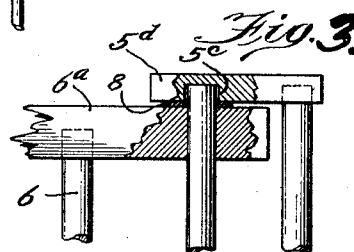
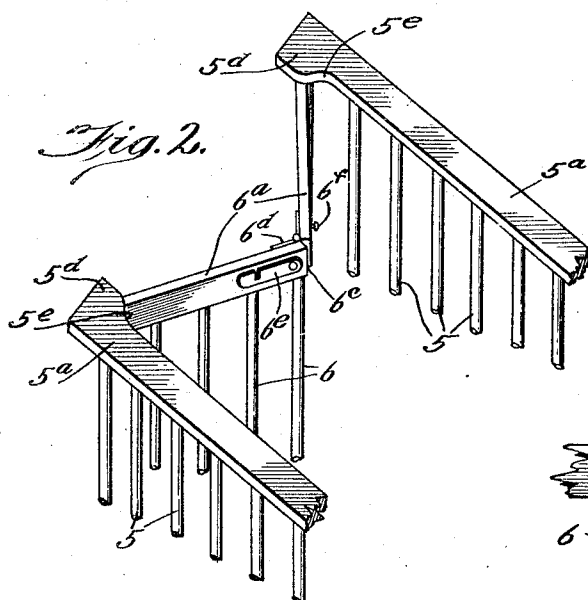
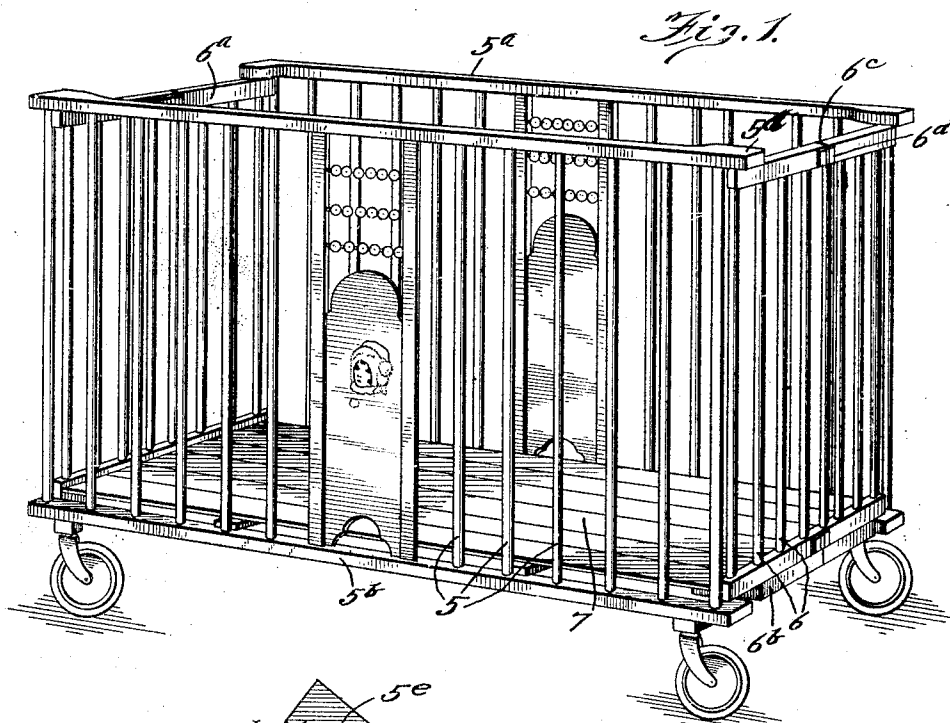
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JUVENILE VEHICLE

Filed Aug. 1, 1927



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UNITED STATES PATENT OFFICE.

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JUVENILE VEHICLE.

Application filed August 1, 1927. Serial No. 209,905.

My invention relates to juvenile vehicles, and more particularly to those known as play-yards and capable of being folded when no longer used, and it is my main object to provide a simple and efficient corner pivot for the folding element of the play-yard.

A further object of the invention is to eliminate the usual external corner hinges of the article by the use of a concealed pivot, so that the ornamental appearance of the article is not spoiled in this respect and no damage by contact with persons or other articles is possible.

A final but nevertheless important object of the invention is to design the top railings of the play-yard with a novel protective feature.

With the above objects in view and others that may suggest themselves from the specification and claims to follow, a better understanding of the invention may be gained by reference to the accompanying drawing, in which—

Figure 1 is a perspective view of the improved play-yard as in position for use;

Fig. 2 is a perspective view of one end in process of folding; and

Fig. 3 is a fragmental elevation of a top corner, partly broken away.

Referring specifically to the drawing, 5 denotes the sides, 6 the ends, and 7 the bottom of a typical play-yard. The sides are built with top and bottom rails 5^a and 5^b, respectively, and the ends have similar rails 6^a and 6^b at corresponding locations. The bottom 7 is hinged to one of the sides, so that it may be swung up inside of the same when the play-yard is no longer to be used. In this event, the ends 6 are folded inwardly, as indicated in Figure 2, the rails 6^a and 6^b being made with medial break-joints 6^c, and fitted with hinges 6^d. The article may thus be reduced to narrow dimensions and stored in a small space. When the play-yard is again set up, its ends are locked from folding by the engagement of a latch bar 6^e with a stud 6^f.

The above outline describes the typical folding play-yard, and I do not make any claim on the general construction thereof. I have, however, done away with the unsightly hinges incident to the corners of the vehicle providing a concealed pivot which permits the ornamental value of the article to be expressed quite as fully at the corners as intermediately thereof.

The general construction of the sides and ends is founded on an array of vertical rods 5, 6, and I employ one of these at each corner to furnish the pivot thereat. The rods in general are, of course, firmly doweled into the rails, but each corner rod 6 is extended a short distance beyond the rails 6^a and 6^b and loosely doweled into cavities 5^c in the rails 5^a and 5^b, which are positioned next outside the rails 6^a and 6^b. Before entering the rails 5^a and 5^b, however, the rod 6 receives thin metal washers 8 to slightly separate the superposed rails and relieve them of friction when the end-section turns on the pivot.

A simple pivot is thus provided which essentially requires no extra parts or fittings whatever, since it employs what is already built into the vehicle. Nothing is visible exteriorly of the rail and rod assembly to detract from the appearance of the vehicle or come into contact with other objects whereby to mar or otherwise injure them.

I have widened the rails 5^a inwardly at the ends, as indicated at 5^d. The portions 5^d merge into the intermediate portions by means of a curve or pocket 5^e, which serves as a guard to shield the body or arms of the occupant from discomfort when in a corner. The widened rail portions also form a rest for the arm or hand which, though at the site of the pivot, is not at all affected by the same.

I claim:

1. The combination in a foldable wall play pen or enclosure of a pivotal connection for adjoining walls thereof comprising extensions of one wall upon the other, and pivotal elements in the latter wall and connecting with said extensions, said extensions being widened inwardly of said walls to constitute protective railings.

2. The combination in a foldable wall play pen or enclosure of a pivotal connection for adjoining walls thereof comprising extensions of one wall upon the other, and pivotal elements in the latter wall and connecting with said extensions, said extensions being widened inwardly of said walls with a curvature to present hollow surfaces and constitute protective railings.

3. A foldable play pen for children comprising pivotally connected walls, one of said walls having top and bottom extensions engaging the top and bottom of an adjacent wall, the inner faces of said extensions having cavities, and a vertical pivot rod in said adja-

cent wall and having projecting ends extending into said cavities whereby a concealed pivot will be provided.

4. In a foldable play pen or enclosure for
5 children, the combination of a pivotal connection for adjoining walls of said enclosure comprising extensions of one wall upon the top and bottom of the other wall, said exten-

sions having opposed bearing portions at their inner faces, a vertical pivot rod in the latter wall, and the ends of rod projecting into said extension bearing portions whereby a concealed and protected pivot bearing will be provided. 10

In testimony whereof I affix my signature.
ABRAHAM G. FELDMAN.