March 18, 1947. E. L. SCOTT 2,417,618

TOY ROCKER

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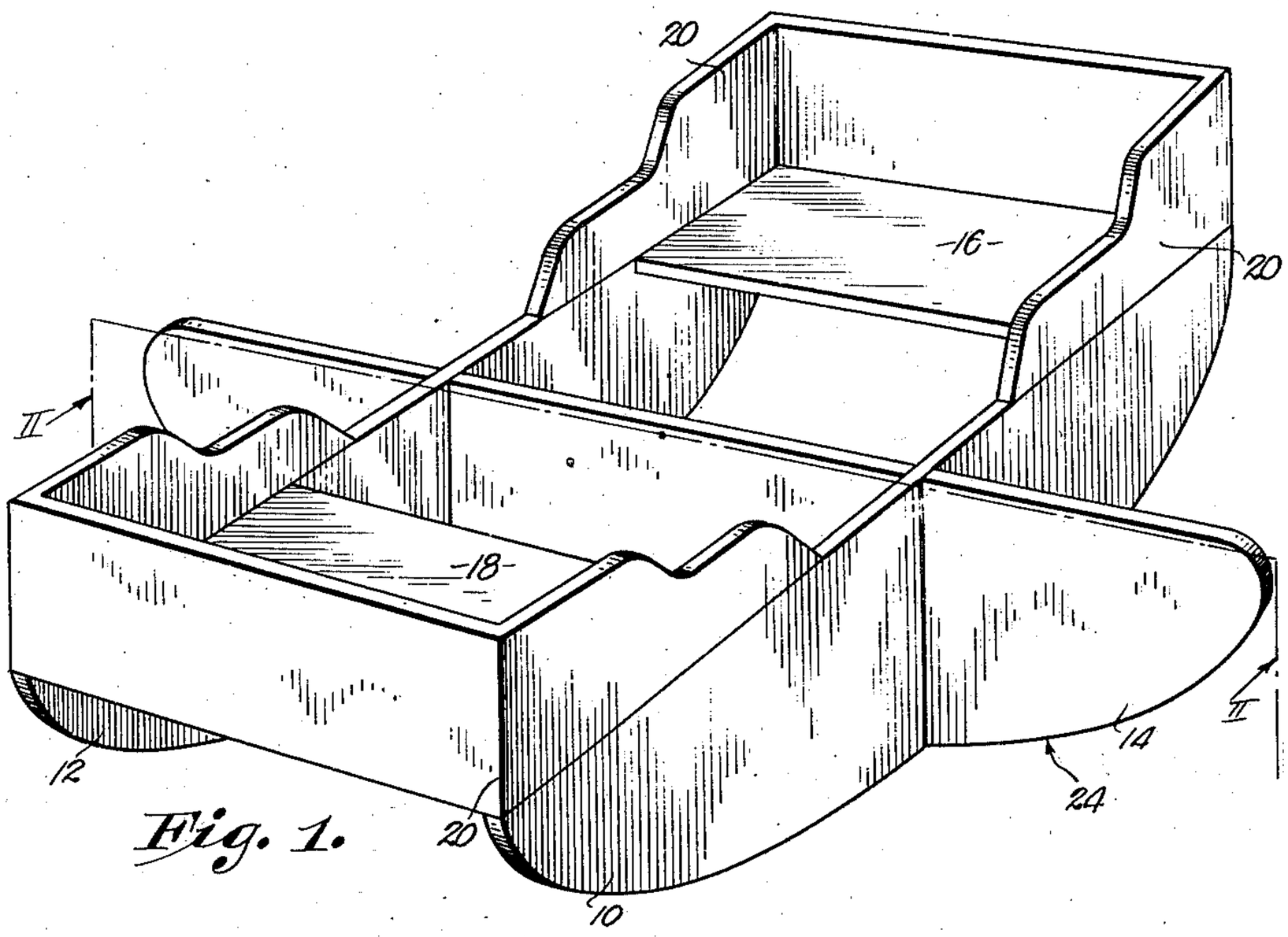


Fig. 1.

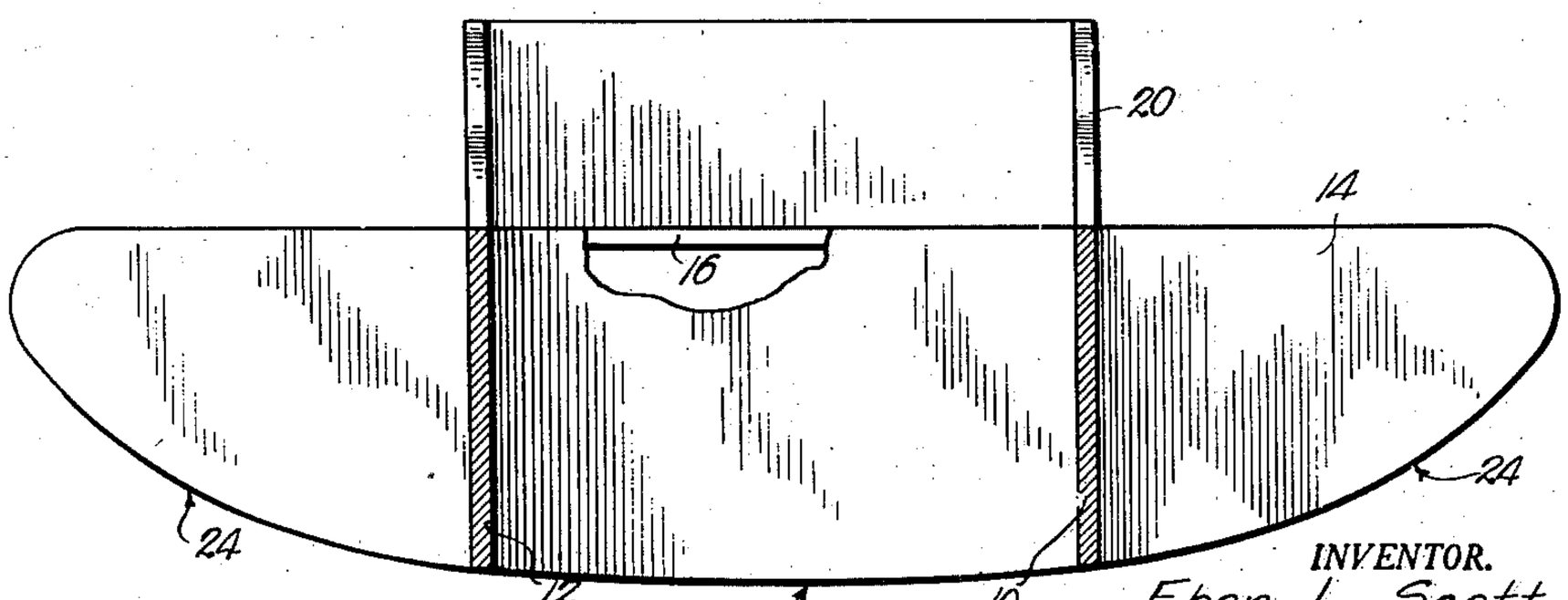


Fig. 2.

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TOY ROCKER

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4 Claims. (Cl. 272—56)

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This invention relates to articles of furniture and particularly to those employed by children for purpose of amusement.

The primary aim of the invention is to provide a toy rocker, having means for permitting rocking movement in a number of directions, and primarily longitudinally and transversely of the body of the rocker, whereupon is mounted at least one seat for the occupants.

One of the important aims of the invention is to provide a rocker for children, the supporting structure whereof comprises a number of intersecting or angularly arranged supporting elements, the edges whereof being arcuate to permit tipping of the rocker from side-to-side as longitudinal movement is established.

Further objects of the invention include the unique manner of disposing a series of angularly arranged rocking elements; the disposition of such elements whereby selected ones thereof are effective as the occupants of the rocker manipulate the same; and the manner of arching the transverse rocker to prevent objectionable bumping as rocking upon the longitudinal rockers occurs.

Other aims of the invention will appear during the course of the following specification, referring to the accompanying drawing, wherein:

Fig. 1 is a perspective view showing the rocker made in accordance with the present invention; and

Fig. 2 is a transverse cross sectional view taken on line II—II of Fig. 1.

In the form of the rocker chosen for illustration, the sub-structure comprises a pair of longitudinal rockers 10 and 12, and a transverse rocker 14 disposed as illustrated in Fig. 1. The rockers 10 and 12 are substantially parallel to aid in forming the main body of the rocker including in addition to members 10 and 12, a seat 16 and a companion seat 18.

These seats 16 and 18 may be placed as desired, but as shown, are balanced sofar as their position upon rockers 10 and 12 is concerned. They are disposed equi-distances to each side respectively of transverse rocker 14. The space between rockers 10 and 12 is open and the intermediate portion of rocker 14, disposed between rockers 10 and 12, serves as a brace for the latter and as a foot engaging part for the occupants.

Each seat 16 and 18 is provided with retaining walls 20 to prevent accidental dislodgment of the occupants when the rocker is in use. Seats

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16 and 18 are at the extreme ends of rockers 10 and 12 and serve as tie members therebetween.

Intermediate rocker 14 has its extremities projected laterally to each side of rockers 10 and 12 respectively, on a median transverse line, and when the weight of the two occupants in seats 16 and 18 is shifted to one side of the longitudinal axis of the rocker body, an upward tipping of either rocker 10 or 12, as the case may be, on the opposite side of said line, will raise from the supporting surface or floor, and one extremity of intermediate transverse rocker 14 will bear the weight of the load and prevent complete over-tipping.

In practice, the shifting of the weight of the occupants occurs but for a short time and the extended portion of rocker 14 is in use momentarily and until the occupants shift their weight to again cause rockers 10 and 12 to serve as the sole supporting structure.

Such manipulation as has just been set forth, causes an unsteady feeling and creates exciting amusement, all without danger to the occupants of the rocker.

When rocker 14 is not brought into play, members 10 and 12 serve as the main supports to allow smooth and orderly rocking. This result is insured because the curvature of the lower edge of transverse rocker 14 between members 10 and 12, is as shown in Fig. 2. This curved edge 22 is of greater radius than the radius of the lower edges 24 of the end portions of rocker 14 to promote sidewise tipping when the occupants desire, yet to permit rocking upon members 10 and 12.

Rockers having physical characteristics different from the one illustrated and described might be made without departing from either the spirit of the invention or scope of the appended claims.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

1. A rocker of the character described, comprising a number of angularly arranged, intersecting rockers; and at least one seat for occupants of the rocker, mounted on the supporting structure.

2. A rocker of the character described, comprising supporting structure having a number of intersecting rockers; and at least one seat for occupants mounted on the supporting structure, said rockers including a pair of rockers in substantial parallelism and disposed longitudinally

of the rocker and a transverse, single rocker intersecting the pair of rockers and having a terminal portion projected to each side of the supporting structure, the lower edge of the said transverse rocker having a greater curvature to each side of the pair of rockers than between the said rockers.

3. A rocker of the character described, comprising supporting structure having a number of intersecting rockers; and at least one seat for occupants mounted on the supporting structure, said rockers including a pair of rockers in substantial parallelism and disposed longitudinally of the rocker and a transverse, single rocker intersecting the pair of rockers and having a terminal portion projected to each side of the supporting structure, said pair of rockers and the

transverse rocker forming open frames for the feet of the occupant.

4. A rocker of the character described comprising a supporting structure having a pair of substantially parallel rockers in spaced relation; a seat at each end of the pair of rockers respectively; and a transverse rocker intersecting the said pair of rockers in the same plane therewith and on the median line thereof between the said seats, said pair of rockers having regular, uninterrupted curved lower edges, the lower edge of the transverse rocker having a curvature on a greater radius between the pair of rockers than the radius of curvature of the lower edge of the said transverse rocker on each side of the pair of rockers.

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