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2,125,773

SEAT FOR AMUSEMENT SLIDES

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Fig. 1.

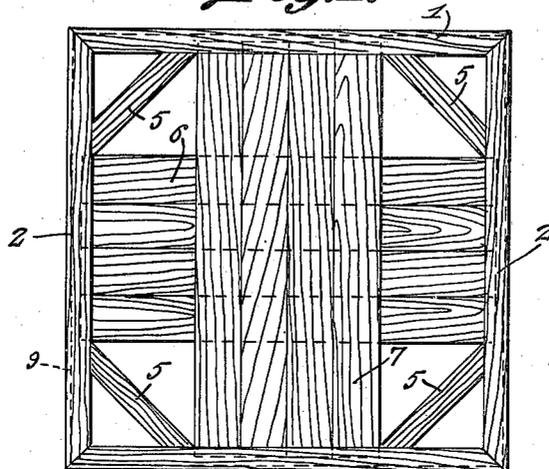


Fig. 2.

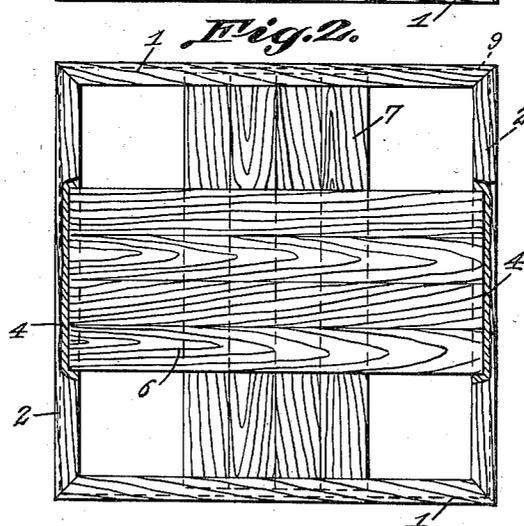


Fig. 3.

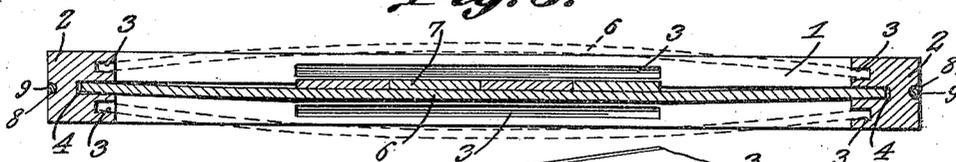
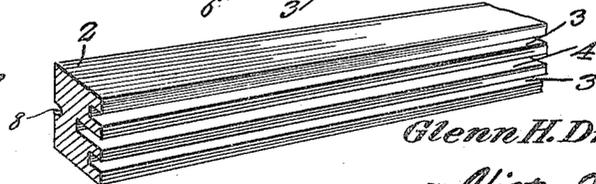


Fig. 4.



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SEAT FOR AMUSEMENT SLIDES

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Application August 15, 1936, Serial No. 96,263

2 Claims. (Cl. 272—56.5)

This invention relates to seats, and its general object is to provide a seat in the form of a toboggan in that it is primarily designed for use with or on amusement devices of the slide or chute type to protect the clothing of the user while sliding down the same.

A further object of the invention is to provide a seat of the character set forth, that is convertible to form a straight, substantially rigid seat portion, or bowed, cushioned seat portion, and it can be changed accordingly in an easy and expeditious manner.

Another object of the invention is to provide a seat that is simple in construction, inexpensive to manufacture and extremely efficient in use, operation and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a top plan view illustrating the braced form of my invention.

Figure 2 is a bottom plan view thereof with the braces removed.

Figure 3 is a sectional view taken through the seat with parts in dotted lines.

Figure 4 is a fragmentary perspective view of one of the rails.

Referring to the drawing in detail, it will be noted that my seat includes a frame which in the form as shown is square, but may be of any other shape, without departing from the spirit of the invention. The frame is made up of front and rear rails 1 and side rails 2, each of which have beveled ends fixed together to provide square corners, as shown.

Each of the rails is provided with grooves in the confronting faces thereof, that extend longitudinally for a portion of its length, and are arranged in a manner whereby the grooves of diametrically opposed rails cooperate with each other. It will be noted that the grooves do not extend into the ends of the rails but are centrally disposed with respect thereto. Each of the rails is preferably provided with three grooves which may be referred to as outer grooves 3 and an inner groove 4. The outer grooves are of the same depth but the inner groove is of greater depth than the outer grooves.

In the form as shown in Figure 1, I provide brace strips 5 that extend diagonally across the corners, and are fixed to the rails in any well known manner. However, the brace strips can be eliminated, if desired, but they do perform a dual function, namely they act to reinforce the frame as well as provide hand holds, during the use of the device.

The seat portion is made up of a plurality of slats 6 and 7 and the group of slats 6, are adapted to have their ends receivable in any two of the registering grooves of the side rails 2, while the group of slats 7 are receivable in the corresponding grooves of the front and rear rails 1. However, the slats are of the same length in the form as shown, therefore either group may be mounted in either pair of rails, and the grooves are preferably of a length so that the group of slats fill or fit the same, as clearly shown in Figure 2.

The slats are flexible and are preferably made from wood that is provided with a certain amount of inherent resiliency, and when the slats are received in the inner grooves 4 they are substantially straight as shown in full lines in Figure 3, but when mounted in the outer grooves they are bowed, as shown in dotted lines in that figure, it being understood that the grooves are of slightly greater width than the thickness of the slats so that the latter can be easily applied and removed with respect thereto, but casual removal is practically impossible.

The slats or strips are preferably arranged in corresponding grooves, whether they be the inner grooves or the outer grooves, so that the groups will be disposed in contacting engagement, as shown in full lines in Figure 3. However, one group may be arranged in the outer grooves and the other in the inner grooves, or one group in the upper pair of outer grooves and the other group in the lower pair of outer grooves, it depending solely upon the desires of the user.

When the slats are arranged in the outer grooves, the seat is not only cushioned due to the bowed position, assumed by the slats, but the latter extend outwardly beyond the plane of the rails, consequently the seat can be given a rocking action during the use thereof, it depending of course upon the weight of the person using the seat and the manner in which the weight may be shifted thereon. In any event, the seat will protect the clothing of the user by preventing premature wear thereof, in that the seat acts in the capacity as a toboggan when sliding down amusement devices of the slide or chute type, and is

primarily designed for use by children in playgrounds or the like, but of course can be used by any one for the purpose intended.

The frame provided by the rails 1 and 2 is preferably grooved about the outer side thereof to provide a channel or pocket to receive reinforcing means in the form of a strand of wire 9, which may have its ends secured together by twisting the same together, or fixed accordingly by soldering, or the like. In any event, it will be obvious that the wire holds the frame rigid and prevents casual separation of the rails thereof.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A seat for use with amusement slides and chutes and comprising a frame having opposed sets of grooves in the inner faces thereof, with the grooves of each set arranged one above the

other, flexible cross slats bridging the frame and providing a seat portion, with the ends of the slats mounted in certain corresponding grooves of opposed sets and the slats being removable therefrom to be interchangeable with any of the corresponding grooves of opposed sets to vary the height of the seat portion with respect to the frame.

2. A seat for use with amusement slides and chutes and comprising a frame having opposed sets of grooves in the inner faces thereof with the grooves of each set arranged one above the other, certain grooves of each set being deeper than the others, flexible cross slats of equal length arranged in intersecting groups and bridging the frame to provide a seat portion, said slats having their ends mounted in certain corresponding grooves of opposed sets and removable therefrom for interchangeable association with any of the corresponding grooves of opposed sets, whereby when mounted in the deep grooves the cross slats will be disposed substantially flat and when in the other grooves will be bowed due to engaging the inner ends thereof.

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