Feb. 17, 1925.

1,526,680

B. REES

TOY CHUTE

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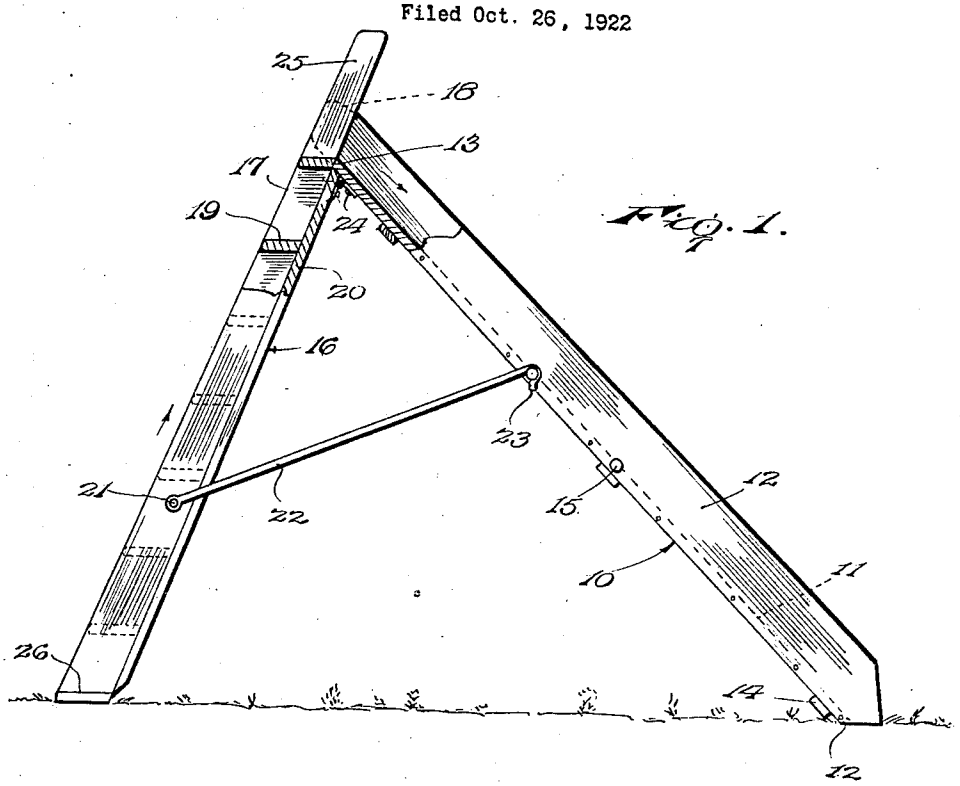
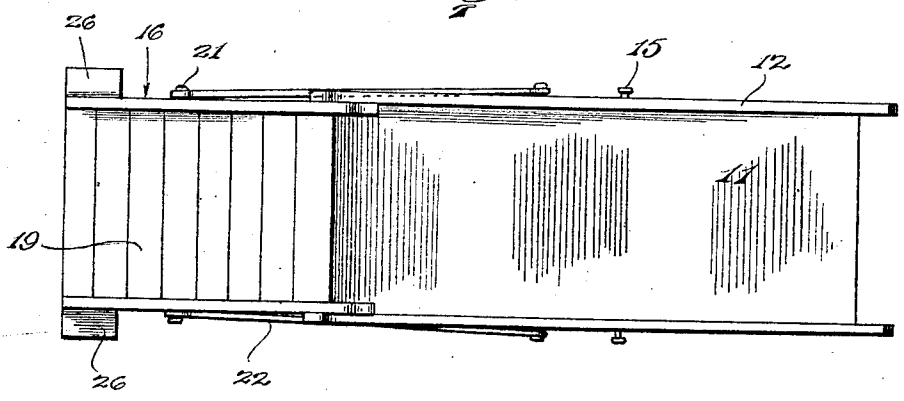


Fig. 1.

Fig. 2.



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By

Attorneys

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UNITED STATES PATENT OFFICE.

BYRON REES, OF SALT LAKE CITY, UTAH.

TOY CHUTE.

Application filed October 26, 1922. Serial No. 597,012.

To all whom it may concern:

Be it known that I, BYRON REES, a citizen of the United States, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented certain new and useful Improvements in Toy Chutes, of which the following is a specification.

My invention relates to a toy for small children and is intended, more particularly, for indoor use. It is constructed in the form of a chute for the children to slide down on.

In the accompanying drawings, one embodiment of the invention is illustrated, and Figure 1 shows a side elevation of the toy chute erected and in part section;

Figure 2 a top plan view of Figure 1.

The toy consists of a chute proper 10, which is constructed in the shape of a straight channel with a flat bottom 11 and upright sides 12. The bottom extends from the lower end of the chute, as at 12, to within a short distance, as at 13, of the upper ends of the sides 12. In this manner a pair of arms 18 projecting upwardly from the chute are provided, one on each side of the flat bottom. The entire chute is, preferably, made of wood of a length of about five feet, but it is evident that any other suitable material or combination of materials may be utilized. The bottom 11 of the chute may consist of a plain board well polished or it may be covered by some suitable material such as canvas.

At intervals, cross slats 14 are provided on the under side of the bottom 11 and studs or eyelets 15 projecting from the sides 12, are furnished in one or more pairs along the sides, as best seen in Figure 1.

The other main part of the toy consists of a ladder 16, which includes a pair of uprights 17 placed apart to fit snugly between the arms 18 of the chute 10 in order to give side support to the entire structure. The ladder has a number of flat steps 19 secured at each end in the uprights 17 and is, preferably, of the same depth as the latter. A bottom 20 is also furnished for the ladder to prevent accidents, when the children are climbing to the top. It will thus be seen that the children cannot fall though the ladder or get their feet entangled in the steps.

At 21 are shown journals carrying a pair of braces 22. These braces are, preferably, made of iron rods terminating with hooks 23 intended to engage the studs 15 on the chute 10. It will be evident, that, by placing the hooks 23 over the lower studs 15, a steeper incline of the chute will be obtained, than if the hooks engage the upper pair of studs 15.

At the apex of the angle formed between the bottom 11 of the chute and the bottom 20 of the ladder are secured one or more hinges 24 to make a firm connection between the chute and the ladder at this point and to keep the two from coming apart when folded, after the braces 22 have been unhooked from the studs 15. In folded position the toy will take up very little room so that it may conveniently be stowed away in a wardrobe.

As already described, this toy is intended for indoor use for small children up to six years of age and is constructed so that the children, in using it, will not be in danger of injuring themselves, particularly if the toy is erected on a rug or carpet. The climbing up the ladder will give the children considerable exercise and the sliding down the chute will naturally be a source of great amusement to them.

The upper ends of the sides of the ladder 16 extend to some distance above the top step in order to form arms 25, which the children will grip, when arriving at the top of the ladder and hold on to until, after stepping over the top step, they are ready to slide down the chute 10. The bottom end of the ladder 16 is, preferably, provided with a pair of sideways extending feet 26 in order to prevent the toy from falling over sideways. The proper height of the toy when erected is some three or four feet.

Having thus described the invention, what is claimed as new is:

1. A toy of the class described comprising a pair of channel-shaped members hinged together at one end, one of said members being provided with a plurality of steps, braces hinged to one of said members, and spaced elements on the sides of the other member adapted to be selectively engaged with said braces for adjusting the height of the toy.

2. A toy of the class described comprising an ascending member and a descending

member, each of said members having a flat bottom and solid upright sides thereby forming channels, said bottoms being hinged together at their upper ends, the ascending member being provided with steps extending between its sides and having its sides extending beyond the upper end of its bottom and the descending member having its sides extending beyond the upper end of its bottom and lying against the outer sides of the extended sides of the ascending member, and braces connecting the members.

In testimony whereof I affix my signature.

BYRON REES. [L. S.]