

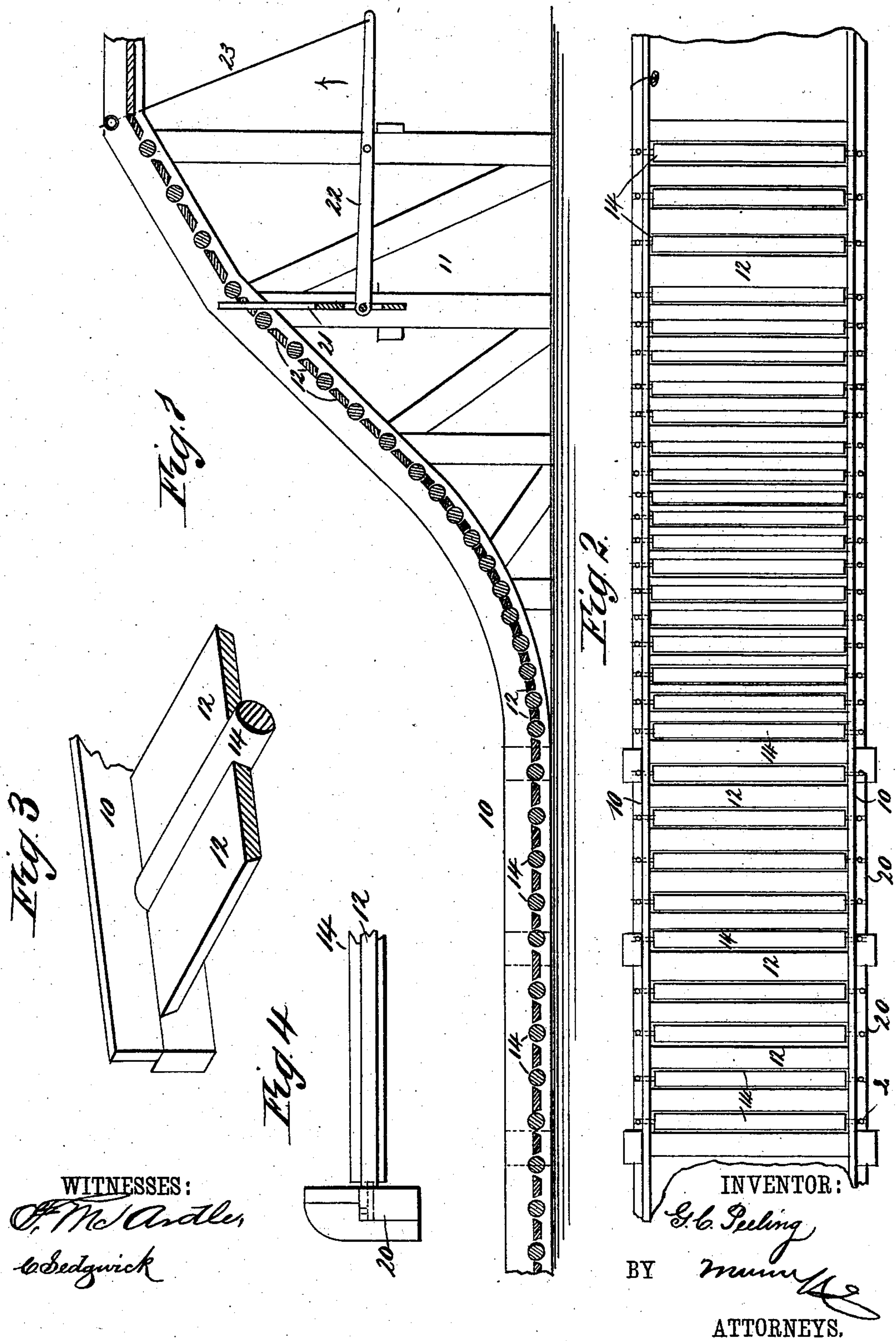
(No Model.)

G. C. PEELING.

TOBOGGAN SLIDE.

No. 365,535.

Patented June 28, 1887.



UNITED STATES PATENT OFFICE.

GEORGE C. PEELING, OF LOCK HAVEN, PENNSYLVANIA.

TOBOGGAN-SLIDE.

SPECIFICATION forming part of Letters Patent No. 365,535, dated June 28, 1887.

Application filed February 17, 1887. Serial No. 227,956. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. PEELING, of Lock Haven, in the county of Clinton and State of Pennsylvania, have invented a new and Improved Toboggan-Slide, of which the following is a full, clear, and exact description.

This invention relates to a novel form of chute or way applicable for use in connection with toboggans, the object of the invention being to dispense with the ordinary ice surfaces which have heretofore been used in the construction of toboggan-slides; and to this end the invention consists in certain features of construction and novel combinations of parts, as will be hereinafter more fully explained, and specifically pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a central longitudinal sectional view of a portion of a toboggan slide constructed in accordance with the terms of my invention. Fig. 2 is a plan view of the same. Fig. 3 is an enlarged detail perspective view illustrating the construction of the flooring of the slide, and Fig. 4 is a view of a portion of the lower end of the slide.

In constructing such a slide as the one forming the subject-matter of this application, I provide parallel side bars or rails, 10, that are supported upon a proper frame-work, 11, one end of these side bars, 10, being practically horizontal, while toward the other end the side bars rise to form an incline between which the toboggans move downward. Between the side walls, 10, I arrange slats or cross bars 12, that are supported by the side walls and constitute a portion of the flooring of the slide, rollers 14 being arranged between the slats or cross-bars 12, the shafts or spindles of said rollers being journaled in boxes that are supported by the frame-work 11 beyond the side walls, 10, the general arrangement of said boxes being shown at 20 in Figs. 2 and 4. The peripheral faces of the rollers 14 extend upward somewhat above the upper faces of the cross bars

or slats 12, and just at the point where the inclined section of the slide joins the horizontal section thereof the rollers are placed more closely together than at the other portions of the slide. At a point near the top of the incline there is mounted a sliding stop, 21, the lower end of which stop is connected to a lever, 22, which lever is in turn pivotally connected to the frame-work 11. An operating-cord, 23, leads from the free end of the lever 22 to a point above the slide, as indicated in the drawings.

Such being the general construction of my improved form of slide, the operation is as follows: The parties intending to descend mount their toboggan, which is held in place by the stop 21 until they are ready to start, when, if the cord 23 be pulled, it will throw the lever in the direction of the arrow shown in connection therewith in Fig. 1. The stop will be drawn downward, and the toboggan will be free to descend over the surface of the slide, the increased number of rollers at the lower end of the inclined portion of the slide serving to prevent the toboggan from striking against the cross-slats as it passes this point. The bearings of the roller 14 are preferably of metal, and in order that a proper lubricant may be applied, as desired, lubricating-holes 2 are arranged as shown in Fig. 2, said holes leading directly downward through the bearings to the shafts of the rollers.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The toboggan-slide herein described, comprising the framing having a way for the toboggan, and provided at the opposite sides thereof with side bars or rails extended above said way and forming guards, the floor of said way consisting of alternating cross-slats and rollers, the peripheries of the rollers being extended upward above the surfaces of the cross-slats, substantially as set forth.

2. In a toboggan-slide, the combination, with the side bars or rails, 10, and the framing provided outside of said side bars with bearings for the trunnions of the rollers, of the cross-slats extended between the side bars, and the rollers, also extended between the side

bars, and having their trunnions projected beyond said side bars and journaled in the framing outside of said side bars, substantially as and for the purposes specified.

; 3. The combination, with a toboggan-slide, of a stop, 21, a lever, 22, arranged in connection with the stop, and an operating-cord ar-

ranged in connection with the lever, substantially as described.

GEORGE C. PEELING.

Witnesses:

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