

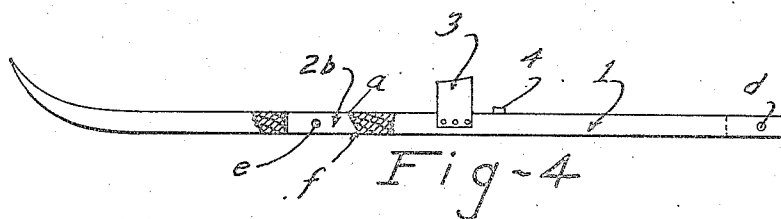
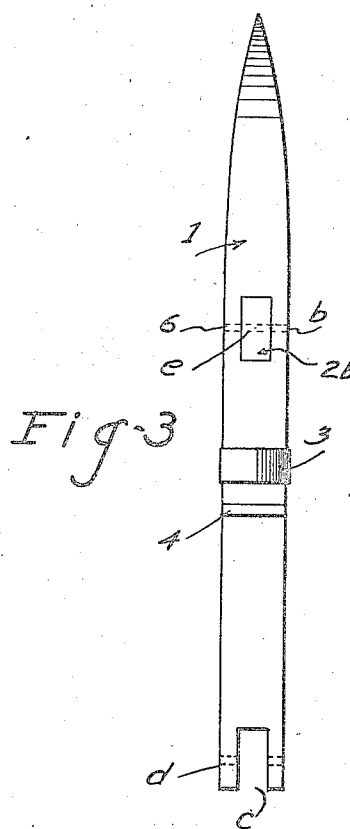
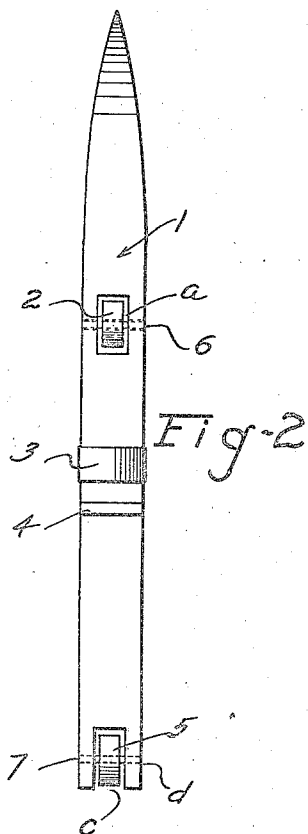
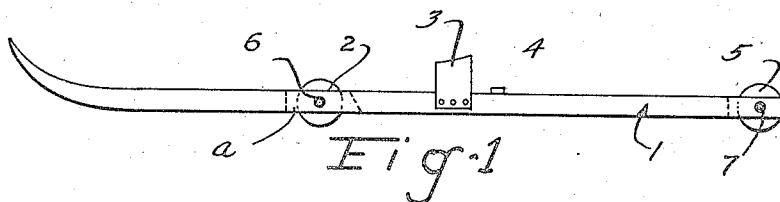
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RECREATIONAL ROLLER TOY

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RECREATIONAL ROLLER TOY

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3 Claims. (Cl. 280—7.13)

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This invention relates to a roller toy and it is primarily an object of the invention to provide a device of this kind which is readily convertible to permit the same to be used during all seasons of the year after the fashion of a ski.

Furthermore, it is a particular object of the invention to provide a device or toy of this kind especially designed for use by juveniles for both a winter and a summer sport after the fashion of skiing and wherein the device is of a character to be employed upon dry and hard smooth surfaces as well as upon snow-covered surfaces.

An additional object of the invention is to provide a device of this kind including a runner body in close simulation of a conventional ski and wherein means are provided for applying to the runner body longitudinally spaced rollers to enable the runner body to be employed upon dry and hard smooth surfaces with the same facility as upon snow-covered surfaces and wherein the applied rollers are so positioned upon the runner body to assure requisite distribution of balance and control.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved recreational roller toy whereby certain important advantages are attained, as will be hereinafter more fully set forth.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawing, wherein:

Figure 1 is a view in side elevation of a device constructed in accordance with an embodiment of my invention and having rollers applied thereto;

Figure 2 is a view in top plan of the device as illustrated in Figure 1;

Figure 3 is a view in top plan of the device with the rollers removed and the device converted for use on a snow-covered surface; and

Figure 4 is a view in side elevation of the assembly as illustrated in Figure 3 with a portion broken away to further illustrate the application of the filler block for the intermediate opening of the runner body.

As illustrated in the accompanying drawing, the runner body 1 is in close imitation of the conventional ski but is of a size reduced sufficiently to enable the same to be employed to advantage by children for recreational purposes. The under surface of this runner body 1 is smooth and unobstructed. The front or forward extremity of the runner body 1 is turned upwardly

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in a manner of the regular type of skis and at a predetermined point intermediate its ends, the runner body 1 at the transverse center thereof is provided with a slotted opening *a* in which is adapted to be placed a roller 2 of a radius to extend below the under surface of the runner body 1.

This roller 2 is maintained in applied position by a removable axle 6 which is freely insertible through the axial center of the rollers 2 and through the openings *b* disposed transversely through the runner body 1 and communicating with the slotted opening *a* at substantially the longitudinal center thereof. As is clearly illustrated in the accompanying drawing, this slotted opening *a* has its longitudinal axis disposed lengthwise of the runner body 1. This slot or opening *a* is positioned forwardly of the longitudinal center of the runner body 1 so that the applied roller 2 will be positioned to assure proper balance.

The runner body 1 to the rear of the longitudinal center thereof but in relatively close proximity thereto is provided with a transversely disposed toe strap 3 extending above and across the runner body 1 and having each end portion rigidly secured to a side edge face of the runner body 1. Immediately to the rear of the toe strap 3 the runner body 1 has rigid therewith an upstanding cleat 4 which extends transversely of the runner body 1 and serves to provide means to maintain the heel of the foot gear of the user in proper position.

The heel or rear end portion of the runner body 1 at its transverse center and, of course, in longitudinal alignment with the slotted opening *a*, is provided with the longitudinally directed slot *c* open at its outer end. A second roller 5 is to be placed within this open slot *c* and is also of a radius to extend below the bottom face or surface of the runner body 1 and this roller 5 is maintained in applied position by a removable axle 7 which is freely disposed through the axial center of the roller 5 and through the openings *d* in the heel or rear portion of the runner body 1 and which communicate with the slot *c* at substantially its longitudinal center. As illustrated in the drawing, it is to be noted that the rear of the applied roller 5 is substantially flush with the rear end of the runner body 1.

With the rollers 2 and 5 applied, the device can be employed upon a hard and smooth surface in the same manner and with the same exhilaration as upon a snow-covered surface and the use of the

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device with the applied rollers will be just the same as when used on snow-covered surfaces.

When it is desired to use the device on a snow-covered surface, the rollers 2 and 5 are removed and a filler block 2^b is tightly fitted within the opening *a*. This filler block 2^b in its central part is provided transversely therethrough with an opening *e* which, when the block 2^b is applied, registers with the openings *b*, whereby the axle 6 can be inserted through said registering openings and thus hold the block 2^b in place.

The rear end of the opening *a* is downwardly and rearwardly beveled, as at *f*, and the rear end of the block 2^b is provided with a complemental bevel. This further assures the maintenance of the block 2^b in effective working position with its under surface flush with the under surface of the runner body 1.

As the opening *c* is open at its outer end it is not necessary that a filler block be employed in connection therewith when the device is used to glide over snow-covered surfaces.

From the foregoing description it is thought to be obvious that a recreational roller toy constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and operated.

I claim:

1. A device of the class described comprising an elongated runner body provided with slots in its central and rear end portions, the under surface of the runner body being otherwise free and unobstructed, rollers for arrangement within said opening and extending below the bottom surface of the runner body, axles removably inserted through the body and the rollers for holding the

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rollers in applied position and a filling block for the central opening when the roller is removed therefrom, the axle for said roller also providing means to maintain the block in applied position.

2. A device of the class described comprising an elongated runner body provided with slots in its central and rear end portions, the under surface of the runner body being otherwise free and unobstructed, rollers for arrangement within said opening and extending below the bottom surface of the runner body, axles removably inserted through the body and the rollers for holding the rollers in applied position, the heel slot opening through the heel end of the runner body, and a block for filling the centrally arranged opening when the roller is removed therefrom, the axle for said roller also providing means to maintain the block in applied position.

3. A device of the class described comprising an elongated runner body provided with slots in its central and rear end portions, the under surface of the runner body being otherwise free and unobstructed, rollers for arrangement within said opening and extending below the bottom surface of the runner body, axles removably inserted through the body and the rollers for holding the rollers in applied position, the heel slot opening through the heel end of the runner body, and a block for filling the centrally arranged opening when the roller is removed therefrom, the axle for said roller also providing means to maintain the block in applied position, the rear end portion of the centrally arranged opening being undercut and the rear end portion of the block being of substantially complemental formation.

THOMAS THOMPSON.