

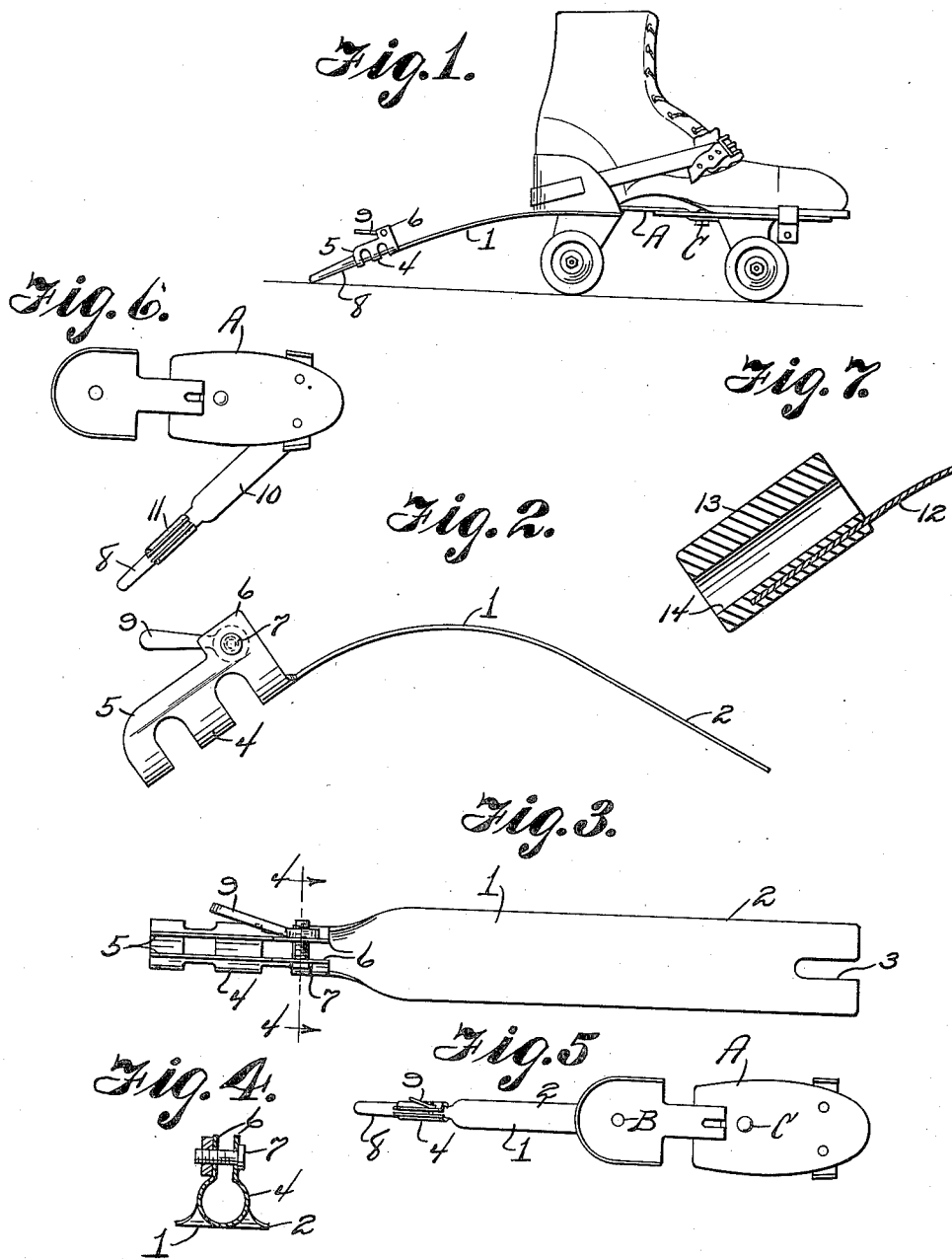
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ROLLER SKATE MARKING DEVICE

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ROLLER SKATE MARKING DEVICE

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3 Claims. (Cl. 280—11.37)

This invention relates to marking devices, and its general object is to provide a device for attachment to a roller skate that is primarily designed for use during fancy and figure skating, to indicate by lines, the course of travel of the skate, so as to aid the skater in learning and perfecting the art of fancy skating, as well as to illustrate the skill of a skater performing such skating in substantially the same manner as the blade of an ice skate, but of course to a much greater degree.

A further object is to provide a marking device that can be detachably connected to roller skates of various types in an easy and expeditious manner, and is simple in construction, inexpensive to manufacture, and extremely efficient in use 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 side elevation illustrating one form of my marking device applied to a skate and extending from the rear end thereof.

Figure 2 is an enlarged side elevation of the device per se.

Figure 3 is a top plan view thereof.

Figure 4 is a sectional view taken approximately on line 4—4 of Figure 3, looking in the direction of the arrows.

Figure 5 is a top plan view illustrating the device applied to a skate.

Figure 6 is a top plan view illustrating a modified form of the device applied to a skate and extending laterally at a rearward inclination therefrom.

Figure 7 is a fragmentary sectional view taken through a modified form.

Referring to the drawing in detail, the letter A indicates a roller skate, with my device attached thereto, and while I have shown one type of skate, it will of course be understood that the device can be attached to various types, at any appropriate place thereon.

The device in the form as shown in Figures 1 to 5 inclusive, includes an elongated flat relatively narrow arm 1 made from spring metal to provide a straight end portion 2 having a slot 3 extending along its longitudinal center from its

outer end, so that said end is bifurcated, as clearly shown in Figure 3.

From the straight end portion 2, the arm is curved and formed on the outer end of the curved portion is a longitudinally split sleeve clamp 4 slotted for a portion of its circumference and flanged as at 5 along the length thereof, with apertured ears 6 formed on the inner ends of the flanges to receive the bolt of a bolt and nut connection 7 for drawing the sleeve in clamping engagement with the stick 8 of crayon, chalk or other like marking element. The nut has a handle 9 formed thereon to facilitate threading the same on the bolt, as will be apparent.

The form of Figure 6 differs only from that of Figures 1 to 5, inclusive, in the structure of the clamping means for the marking element, in that the spring arm 10 is identical to the arm 1, and a sleeve clamp 11 is formed on the outer end of the arm 10, the clamp 11 being split longitudinally, to set up a clamping action against the marking element, due to the inherent resiliency of the clamp, as the bolt and nut connection is not used in the form of Figure 6.

The form of Figure 7 likewise includes a spring arm 12 similar to the arms 1 and 10, but instead of the metal sleeve clamp, the arm 12 has mounted on the rear end thereof a block 13 formed from resilient rubber or the like, with a bore 14 extending longitudinally of the block for receiving the marking element, such as a stick of crayon, chalk, etc.

My marking devices can be applied at any appropriate place on the skate, and in Figures 1 and 5, it will be noted that the straight end portion 2 is inserted between the skate body and the rear roller carriage, with the bifurcated end receiving the fastening rivet or bolt B of the carriage. The device may likewise be secured to the adjusting bolt C for the skate sections, and in Figure 6 I have illustrated the device as being secured to the bolt or rivet of a toe clamp. Regardless of the application of the device to a skate, the marking element is held in constant engagement with the floor or other skating surface due to the shape and spring action of the connecting arms, to indicate the course of travel of the skate, as will be apparent.

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, pro-

vided that such changes fall within the scope of the appended claims.

What I claim is:

1. A marking device for a roller skate, comprising spring means for attachment to the skate, a ground engaging marking element, a split sleeve clamp formed on the spring means for detachably securing the marking element for engagement with the ground, apertured ears included in the sleeve clamp, and a handled bolt and nut connection with the bolt thereof extending through the ears and for drawing the clamp in binding engagement with the marking element.

2. A marking device for a roller skate, com-

prising spring means for attachment to the skate, a ground engaging marking element, and a pliable member secured to the spring means and having a bore therein for securely receiving the marking element for the engagement of the latter with the ground.

3. A marking device for a roller skate, comprising an elongated flat relatively narrow spring arm having a bifurcated end for attachment to the skate and curved for a portion of its length, a ground engaging marking element in the form of a stick, and means on the opposite end of the spring arm for securing the marking element for engagement with the ground.

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