

May 31, 1938.

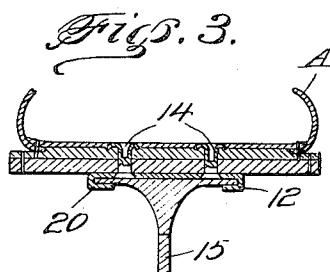
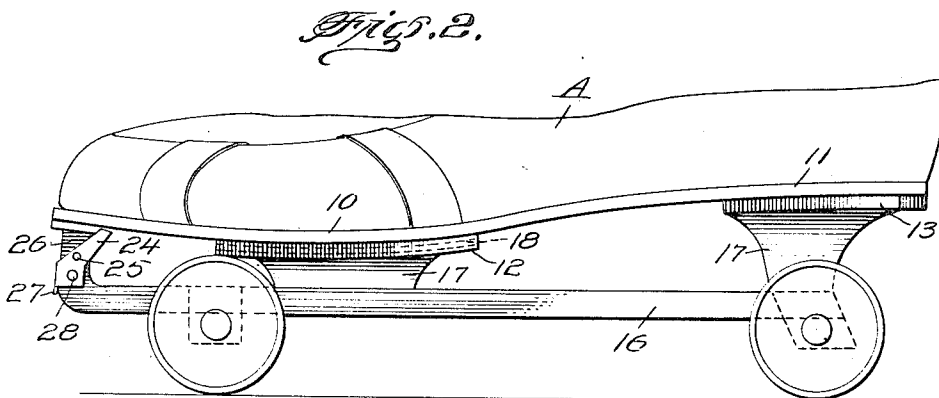
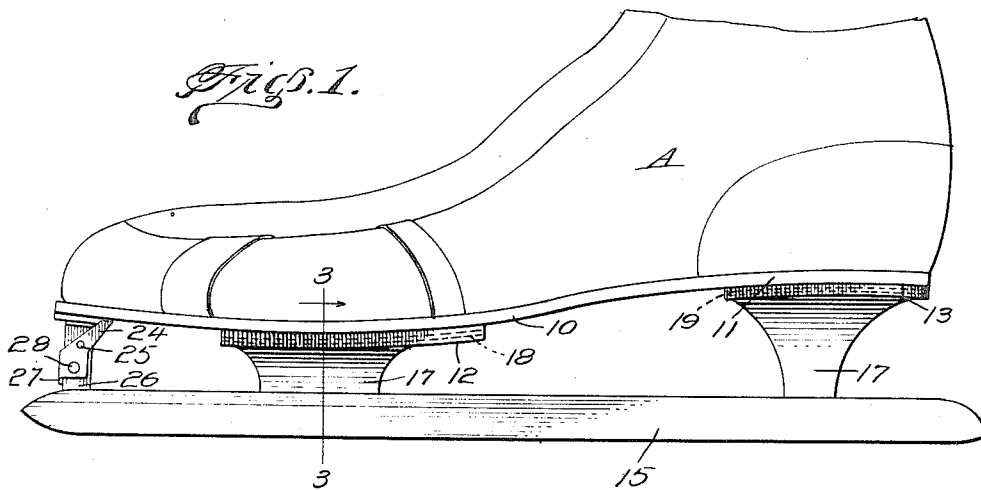
E. W. MAYS

2,118,892

SKATING FOOTWEAR

Filed Nov. 11, 1936

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 4.

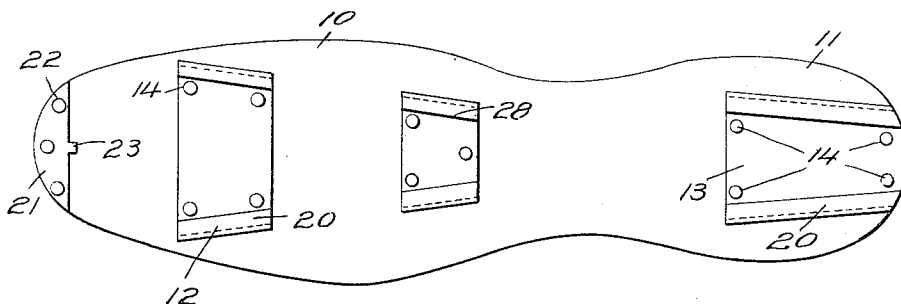


Fig. 5.

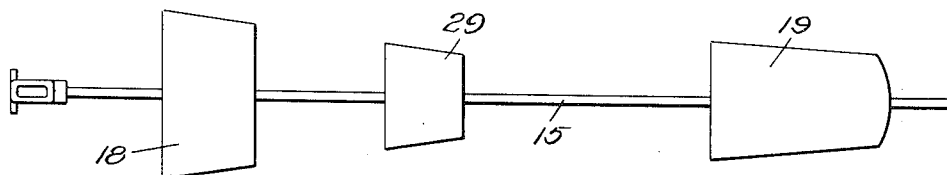


Fig. 6.

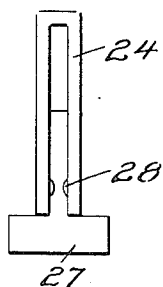
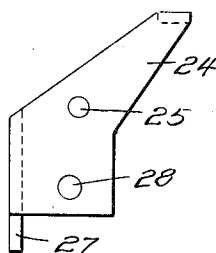


Fig. 7.



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UNITED STATES PATENT OFFICE

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SKATING FOOTWEAR

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Application November 11, 1936, Serial No. 110,403

1 Claim. (Cl. 280—11.30)

The invention relates to skating footwear and more especially to a shoe having a removable skate.

The primary object of the invention is the provision of a shoe of this character, wherein the sole and heel thereof carry cleats for the removable fitting of a skate, ice or rolling type, therewith, the skate when fitted with the shoe will be firm and secure and latched thereto.

Another object of the invention is the provision of a shoe of this character, which is simple in construction, thoroughly reliable and effective in operation, strong, durable, enabling quick removal of a skate therefrom, and inexpensive to manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings, which disclose the preferred embodiment of the invention and pointed out in the claim hereunto appended.

In the accompanying drawings:

Figure 1 is a side elevation of a shoe constructed in accordance with the invention showing the skate of the ice skating type applied thereto.

Figure 2 is a view similar to Figure 1 showing a roller skate removably fastened to the shoe.

Figure 3 is a fragmentary sectional view on the line 3—3 of Figure 1 looking in the direction of the arrow.

Figure 4 is a bottom plan view of the shoe.

Figure 5 is a top plan view of the skate of the ice type.

Figure 6 is an elevation of the latching member for the skate.

Figure 7 is a side elevation thereof.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring to the drawings in detail, A designates generally an article of footwear such as a shoe carrying at its sole and heel portions 10 and 11 substantially wedge shaped cleats 12 and 13, respectively, these being riveted or otherwise made fast at 14 to the sole and heel portions 10 and 11 of said shoe and the wedge formation of the same being in a rearward direction to the shoe.

Removably fitted with the cleats 12 and 13 is a skate either of the ice skating type at 15 or the roller type at 16, respectively. The skate is provided with centrally located upstanding webs 17, these being formed with wedging keys 18 and 19, respectively, for the cleats 12 and 13, the keys being tapered in a rearward direc-

tion and slidably interlock with the said cleats, the latter being formed with upwardly and inwardly turned gripping flanges 20 adapted to overhang the keys 18 and 19 when slidably fitted within the said cleats.

At the extreme toe area of the sole 10 of the shoe A is a keeper plate 21 which is riveted or otherwise fastened at 22 in place and at the inner edge thereof is a medial keeper nib 23 adapted to be saddled by an inverted substantially U-shaped latching trigger 24 pivoted at 25 to a toe post 26 of the said skate. This trigger 24 is formed with a finger engaging grip or ear 27 while instruck from opposite sides of the said trigger are friction studs 28 to engage the opposite sides of the post 26 for holding the trigger 24 when thrown to latching position for the positive engagement of the trigger with the nib 23. The studs 28 frictionally sweep opposite sides of the post 26 when the said trigger is in latching position and thus holding it against accidental opening or from becoming unlatched from the keeper nib 23. When the trigger 24 is in latching position the skate will be held removably fitted with the shoe. Thus with each shoe there can be a converting from an ice skate to a roller skate at the election of the user of the shoe.

In Figures 4 and 5 of the drawings the cleats 12 and 13 are supplemented by an intermediate cleat 28 for the wedging engagement therewith of an intermediate key 29 on the skate. This cleat 28 is made secure to the sole 10 of the shoe A.

The wedging formation of both the cleats and the keys assures a positive locking of the skate upon the shoe during skating activity so that there is no chance of the skate becoming accidentally loose and the trigger latch 24 positively locks the skate with the shoe.

What is claimed is:

A skating footwear having sole and heel portions comprising a plurality of wedge-shaped cleats fixed at intervals to the sole and heel portions, a skating unit having keys correspondingly shaped to the cleats and removably fitting the same, a keeper fixed to the sole portion and having a rearwardly directed keeper nib, an inverted substantially U-shaped latching trigger pivoted to the unit for saddling the keeper nib, means on the trigger and engageable with the unit for holding the trigger in position for the saddling of the keeper nib, and a grip disposed crosswise of the trigger for actuation thereof and projected laterally beyond opposite sides of the unit.

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