

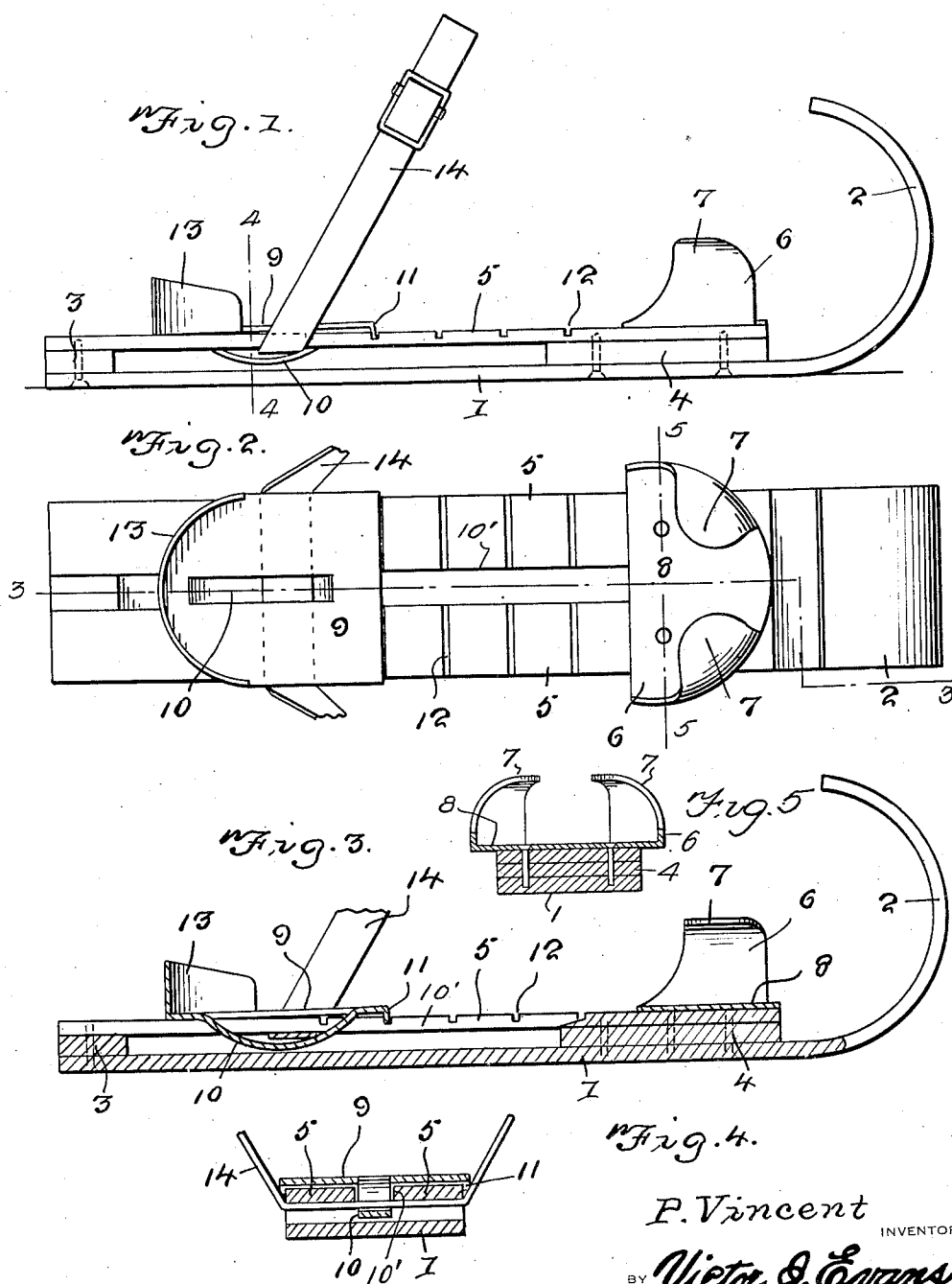
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P. VINCENT

SKATE

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UNITED STATES PATENT OFFICE.

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SKATE.

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This invention relates to skates, and its general object is to provide a skate that can be used on snow with approximately the same manner and ease as on ice, especially if the snow is packed or formed with a crust.

A further object of the invention is to provide a skate that is adjustable to fit various sized foot wear and can be so adjusted, fitted and secured to a shoe and the like in an easy and expeditious manner with very little effort.

Another object of the invention is to provide a skate of the character set forth, that is extremely simple in construction and is inexpensive to manufacture.

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 drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a side elevation of the skate forming the subject matter of the present invention.

Figure 2 is a top plan view.

Figure 3 is a sectional view taken approximately on line 3—3 of Figure 2.

Figure 4 is a sectional view taken approximately on line 4—4 of Figure 1.

Figure 5 is a sectional view taken approximately on line 5—5 of Figure 2.

Referring to the drawings in detail the reference numeral 1 indicates the runner of one of my skates and as shown, the runner is flat and relatively broad and is provided with an upwardly curved forward portion 2 which is curved to a degree whereby it extends toward the rear end of the skate as best shown in Figure 1 of the drawings. The runner is relatively long and has arranged adjacent its opposite ends blocks 3 and 4 to which is secured the stirrup plate 5. The stirrup plate has fixed to its forward portion a toe piece 6 having formed therewith cooperating arcuate shaped ears 7 which rise from the base 8 and are curved toward each other at their upper ends for the purpose of engaging the upper surface of the toe portion of a shoe or the

like as will be apparent. The heel clamp for the stirrup includes a base 9 which is longitudinally cut to provide a substantially U-shaped strip 10 disposed in a longitudinally arranged slot 10' formed in the stirrup plate 5 as best shown in Figure 3 of the drawings. The heel clamp is mounted for slidable movement on the stirrup plate so as to be adjustably associated with the toe piece 6 and in order to retain the heel clamp in its respective adjusted positions, the same is provided with a downturned flange 11 which cooperates with transverse grooves 12 formed in the stirrup plate. The heel clamp is also provided with an upright heel engaging portion 13 formed on its rear edge.

In order to secure the skate to the wearer and to retain the heel clamp in clamping engagement with the heel of the shoe of the wearer, I provide a strap 14 which is passed between the stirrup plate and the runner and also through the U-shaped strip 10 as best shown in Figure 1, and by this arrangement, it will be obvious that the strap will have a tendency to dispose the heel clamp toward the toe piece and properly secure the skate to the shoe of the wearer.

From the above description and disclosure of the drawings, it will be obvious that I have provided a skate which due to the novel runner can be used on snow as well as on ice. The skate can also be adjusted, fitted and secured to various sized shoes in an easy and expeditious manner, as it will be apparent that all that is necessary is to arrange the toe of the shoe in the toe plate and pull the heel clamp in contacting engagement with the heel of the shoe and secure the strap about the shoe.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. A skate of the character described comprising an elongated relatively broad flat runner having a curved forward portion, blocks fixed to said runner and being arranged in spaced relation with respect to each other, a stirrup plate secured to said blocks and being provided with transverse

grooves, a toe piece secured to the forward portion of said stirrup plate, a heel clamp mounted for slidable movement on said stirrup plate, means included in said heel clamp
5 for selective engagement in said grooves, means depending from said heel clamp and arranged for movement in a longitudinal slot formed in said stirrup plate, and a strap arranged in said means as and for the purpose
10 specified.

2. A skate of the character described comprising a flat relatively broad runner having an upwardly and rearwardly curved forward portion, blocks arranged in spaced relation
5 on said runner and being secured thereto, a stirrup plate having transversely disposed

grooves and a longitudinally disposed slot formed therein, a toe piece secured to the forward portion of said stirrup plate, a heel clamp mounted for slidable movement on
20 said stirrup plate and cooperating with said toe piece, a flange formed with said heel clamp and adapted to be received in any one of transverse grooves, a substantially U-shaped strip cut from said heel clamp and
25 disposed in the slot of the stirrup plate, a heel engaging portion formed with said heel clamp and rising from the rear edge thereof, and a strap carried by said heel clamp and arranged through the U-shaped strip.
30

In testimony whereof I affix my signature.
PERLO VINCENT.