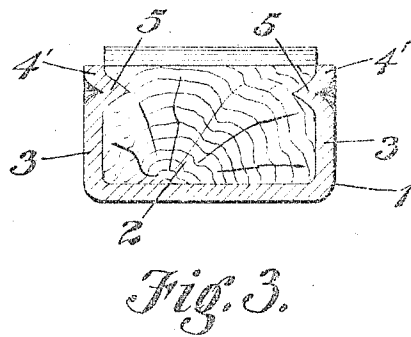
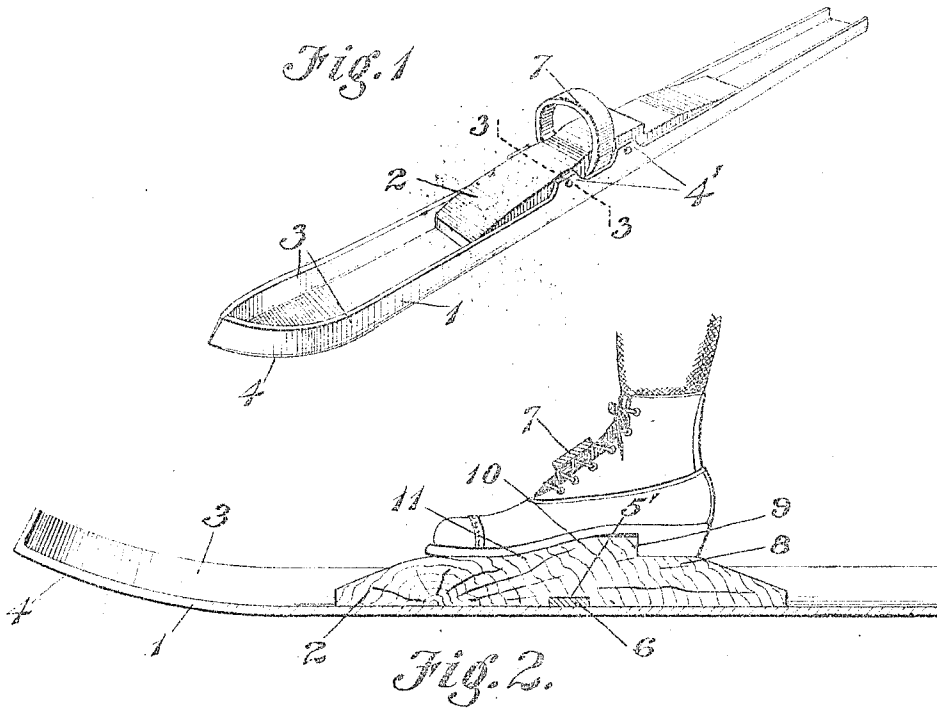


C. E. ELLIS.
SNOW SHOE.

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1,087,745.

Patented Feb. 17, 1914.



Witnesses

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UNITED STATES PATENT OFFICE.

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SNOW-SHOE

1,087,745.

Specification of Letters Patent.

Patented Feb. 17, 1914.

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To all whom it may concern:

Be it known that I, CHARLES E. ELLIS, a citizen of the United States, residing at Rochester, in the county of Olmsted and State of Minnesota, have invented new and useful Improvements in Snow-Shoes, of which the following is a specification.

This invention relates to snow shoes or skees and has for an object to provide a device of this character which will be constructed of metal and wood and combined so that the metal will present a running surface of maximum length and efficiency while the wood portion of the device is designed to present an effective foot bearing and arch support and a central longitudinal brace for the metal element of the device.

Another object of the invention is to provide a skee which will be so constructed that the different elements thereof may be effectually connected together without the use of permanent fastening devices.

Another object of the invention is to provide interfitting elements of the skee which when operatively combined will afford means for securely holding the foot strap in proper position upon the device.

In the drawing forming a portion of this application, and in which like letters of reference indicate similar parts in the several views:—Figure 1 is a perspective view of the skee. Fig. 2 is a longitudinal section therethrough. Fig. 3 is a transverse section taken on line 3—3 of Fig. 1.

The device comprises a metal member 1 and a member 2 of wood. The metal member is stamped from a single length of sheet steel and provided throughout its length with parallel spaced side flanges 3. The bottom, or running surface of the metal member is curved upwardly and forwardly at one end as at 4 in the usual manner.

The flanges 3, intermediate of their length are provided with upstanding ears 4 which are provided with inwardly struck teats 5 which are embedded in the sides of the wooden member 2 whereby the latter is securely retained in place upon the metal member and against accidental longitudinal

movement therein. The member 2 is provided on its bottom and preferably at a point approximately midway of its length with a transverse groove 5 in which the lower portion 6 of a foot strap 7 extends. When the member 2 is forced to place in the metal member 1 of the skee the foot strap is effectually held in an applied position without the use of permanent fastening devices such as nails or the like. The side flanges 3 of the metal member are yieldable relatively whereby they can be sprung apart to permit the wooden member 2 to be removed and to enable one to remove the foot strap when the latter becomes worn and when it is desired to replace it by a new one. The member 2 is provided preferably with a horizontally disposed rest 8 for the heel of the shoe of the wearer and from the rest the material 2 is extended upwardly vertically as at 9 and then curved forwardly and upwardly as at 10 and then downwardly as at 11. From this construction it is evident that the portion 10 will form an arch rest for the foot. The loop 7 extends over the arch rest so that when the foot is extended beneath the loop it may be brought into secure contact with the arch rest 10.

I claim:—

A skee comprising a metallic runner having yieldable side flanges, a foot rest detachably arranged between the flanges, spaced ears formed on each of the flanges adjacent to the foot rest and provided with inwardly struck teats adapted to penetrate the foot rest and to hold the same against longitudinal movement, a strap carried by the foot rest and having a foot receiving loop disposed above the foot rest, the sides of the strap extending between the spaced ears on each of the flanges whereby to restrict the lateral movement of the said loop.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES E. ELLIS.

Witnesses:

MARTHA L. HOLLER,
THEO. A. SCHACHT.