N. JOHNSON.

HOCKEY SHOE.

APPLICATION FILED MAY 10, 1909.

1,095,213. **Patented May 5, 1914.**

Fig. 1

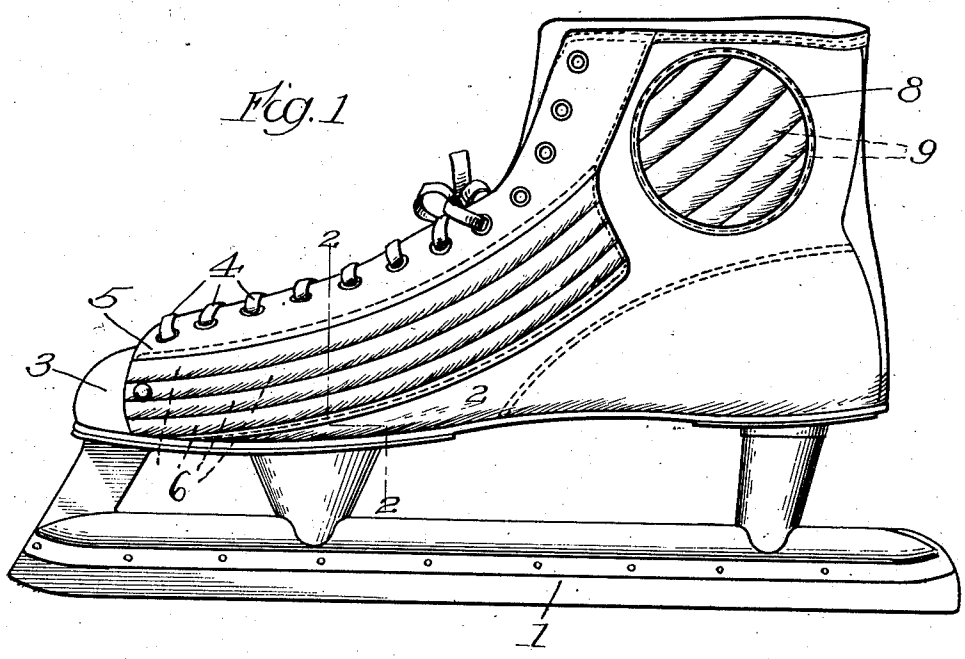


Fig. 2

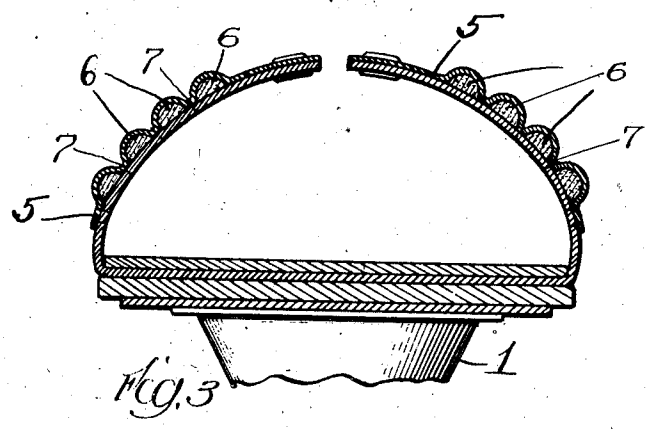
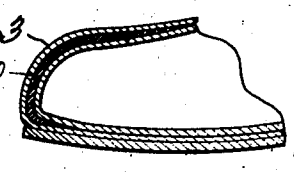


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

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HOCKEY-SHOE.

1,095,213. Specification of Letters Patent. Patented May 5, 1914.

Application filed May 10, 1909. Serial No. 494,962.

To all whom it may concern:

Be it known that I, NESTOR JOHNSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and usseful Improvements in Hockey-Shoes, of which the following is a specification.

My invention relates to shoes used more particularly in the playing of hockey and the like, where striking clubs are employed, and the object thereof is to provide the shoes with simple and efficient means for protecting the feet of the player from the blows of such clubs.

The various features of advantage and utility in my new construction of shoe will be understood from the description hereinafter given.

In the drawing, Figure 1 is an elevation of a shoe embodying my invention and here shown attached to a hockey skate; Fig. 2 a section on the irregular line 2—2 of Fig. 1; and Fig. 3 a detail section of the toe portion.

Referring to the present embodiment of my invention as illustrated in the drawings, the shoe which is here shown attached to a hockey skate 1 may be of suitable form or construction, but by preference the uppers 2 are extended on opposite sides well toward the toe 3, thereby partially enveloping the vamp portion, said uppers being held together by the shoe-lace 4. A portion of each upper, which may be termed the protecting portion, is made double by the provision of an extra leather strip portion 5, between which and the protecting portion of the upper proper are interposed a series of protecting strips 6 made of suitable material and arranged substantially longitudinally of the upper in the manner clearly indicated in Fig. 1. By preference the material employed is ratan or whalebone, which is found in practice to give the best results inasmuch as strips composed of these materials are most efficient in protecting the foot against blows of the hockey stick or club and not being subject to breakage which would be liable to result in injury to the foot. These strips are spaced apart one from the other and are held in position by sewing through the two portions of the upper, as indicated for instance at 7. In like manner, the ankle may be protected, to which end I secure, by sewing or otherwise, to each upper a circular piece 8 between which and the upper proper is interposed a series of strips 9 similar to the strips 6 hereinbefore referred to.

As shown in Fig. 3 the toe portion of the shoe is provided with a protection which as shown consists of a plate 10 of suitable material, as for instance thin sheet metal. The protecting strips 6 overlap this protecting or reinforcing sheet, from which construction it results that the shock of a blow upon such strips will in a large part be distributed over the toe of the shoe and adjacent front portion of the skate. It is evident that a shoe thus constructed affords most efficient protection to the foot, and at the same time the comfortable character of the shoe is not impaired in the least.

I claim:

1. A hockey shoe comprising a re-inforced toe and a protecting portion, the sides of which portion project over the toe and are provided with longitudinal reinforcements overlapping the reinforced portion of the toe and consisting of strips of ratan or the like interposed between the protecting portion and extra strip portions 5 which are stitched to such protecting portions intermediate the reinforcing strips.

2. A hockey shoe comprising a reinforced toe, and an upper having a pair of opposite protecting fields of parallel reinforcing strips, which strips are secured to the upper and extend from near the ankle portion of the shoe forwardly along the upper and side portions of the front of the shoe, the front ends of said strips overlapping and being supported by the reinforced toe.

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