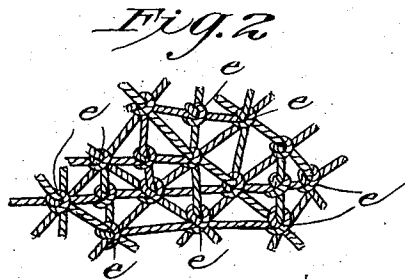
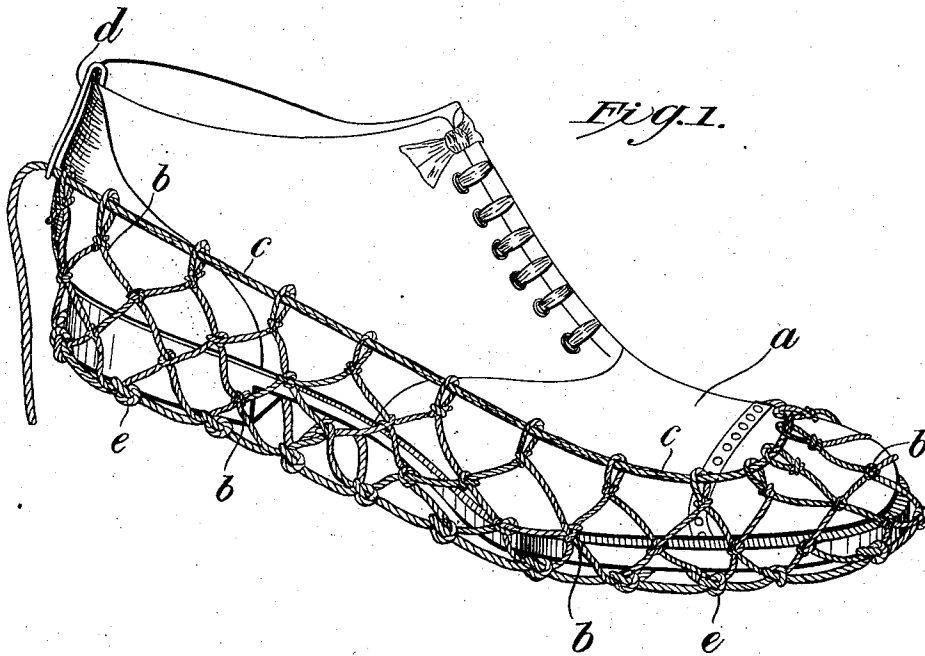


C. G. ADAMSON.
COVERING FOR TENNIS SHOES AND THE LIKE.
APPLICATION FILED NOV. 9, 1910.

1,027,637.

Patented May 28, 1912.



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UNITED STATES PATENT OFFICE.

CHARLES G. ADAMSON, OF ATHLONE, IRELAND.

COVERING FOR TENNIS-SHOES AND THE LIKE.

1,027,637.

Specification of Letters Patent.

Patented May 28, 1912.

Application filed November 9, 1910. Serial No. 591,468.

To all whom it may concern:

Be it known that I, CHARLES GRAHAM ADAMSON, a subject of the King of Great Britain, residing at Lacken, Glasson, Athlone, Ireland, have invented certain new and useful Improvements in New or Improved Coverings for Tennis-Shoes and the Like, of which the following is a specification.

This invention has reference to an improved covering for tennis shoes and the like and has for its object to provide an improved device whereby a better grip upon the ground will be afforded while playing tennis, golf and like games thus avoiding the inconvenience arising from slipping or stumbling.

According to my invention I employ a covering of net which may be made of cord or similar material in such a manner that it conforms roughly to the shape of the boot or shoe that part of the covering which is subjected to the greatest wear being made of closer mesh and with more prominent knots than the remaining part. In use the netted covering is placed over the boot or shoe and drawn together by a running string or lace.

In order that my invention may be readily understood and carried into effect I will now proceed to describe the same fully with reference to the accompanying drawing which illustrates a shoe having my improved covering applied thereto.

Figure 1 is a perspective view of a shoe with my improved covering thereon. Fig. 2 is a fragmentary view of a portion of the sole or tread portion of my improved covering.

a indicates a conventional tennis shoe over which as shown is placed the netted cover *b*. *c* indicates a running string or lace in order to contract the mouth of the covering *b* when the device is in position upon the boot or shoe.

d indicates a hook or clip which is adapted to be clipped over the heel of the boot or shoe so as to more securely retain the covering *b* in position.

The netting may be made of cord string or other suitable material which may if desired be treated with a preservative or waterproof composition and those parts of the netting which are subjected to the greatest strain or wear such as for instance those parts covering the sole and heel of the shoe are preferably made of smaller mesh than

the remaining part larger knots *e* being formed so as to secure a better grip upon the ground.

One of the features of my invention is to provide such a covering or netting for shoes composed of twine, cords or ropes of a relatively large diameter for the tread or sole portion and of a relatively reduced diameter for the sides or upper portions of the shoes. By using cords or ropes of a large diameter for the sole portion and by knotting or uniting them to form a relatively close mesh, I am enabled not only to provide knotted or united portions of a greater number and in closer proximity but I avoid making the upper portion as heavy as the lower portion, thereby producing a light weight article or covering which does not tire the wearer.

While I have herein shown one specific form of my invention it will be understood that I do not wish to be limited to this form except for such limitations as the claims import.

It will also be understood that I have used the term "twine, cord, or rope", one as the equivalent of the other.

What I claim as my invention and desire to secure by Letters Patent, is:—

1. A tread covering for athletic shoes comprising in combination, a net shaped to conform to the bottom and sides of the shoe and composed of a plurality of lengths of cords of different diameters, the cords being knotted together to form the net, and means for securing the net to the shoe.

2. A tread covering for athletic shoes comprising in combination, a net shaped to conform to the bottom and sides of the shoe and composed of a plurality of strands of cords of different diameters, the cords being knotted to form the net, and a draw-string connected with the net to contract the same about the sides and the upper portions of the shoe.

3. A tread covering for athletic shoes comprising in combination, a net shaped to conform to the bottom and sides of the shoe and composed of a plurality of strands of non-metallic rope inter-knotted to form the net, the mesh of the net adjacent the sole being relatively close and the rest of the net above the sole being relatively open, and means for contracting the net about and upon the shoe.

4. A tread covering for athletic shoes comprising a net shaped to conform to the bot-

tom and to embrace upper portions of the shoe to maintain the covering or net thereon, said net comprising a plurality of strands of non-metallic cord inter-knotted, substantially as and for the purpose set forth.

5 5. A tread covering for athletic shoes comprising a net to conform to the bottom and to embrace upper portions of the shoe to maintain the covering or net thereon, said
10 net comprising a plurality of strands of flexible cord inter-knotted, substantially as and for the purpose set forth.

15 6. A tread covering for athletic shoes comprising a net shaped to conform to the bottom and to embrace upper portions of the shoe to maintain the covering or net thereon, said net comprising a plurality of strands of flexible cord inter-connected, substantially
20 as and for the purpose set forth.

25 7. A tread covering for athletic shoes comprising a net shaped to conform to the bottom and to embrace upper portions of the shoe to maintain the covering or net thereon, said net comprising a plurality of strands of cord of different diameters connected together to form the net, substantially as and
30 for the purpose set forth.

8. A tread covering for athletic shoes comprising a net shaped to conform to the bottom and to embrace upper portions of the shoe to maintain the covering or net thereon, said net comprising a plurality of strands
35 of cord connected to form a mesh with the

mesh of the tread or sole portion being relatively close and the mesh of the net above
35 the sole being relatively open, substantially as and for the purposes set forth.

9. A tread covering for athletic shoes comprising a plurality of lengths of flexible non-metallic cords united with each other to
40 form a net-like covering shaped to conform to the shoe, and means for attaching the covering to the shoe.

10. A tread covering for athletic shoes comprising a plurality of lengths of flexible
45 non-metallic cords united with each other to form a net-like covering shaped to conform to the shoe, the cords being united to form a relatively close mesh extending substantially coincidentally with the tread portion
50 of the shoe, and means for securing the covering to the shoe.

11. A tread covering for athletic shoes comprising a plurality of lengths of flexible non-metallic cords having a plurality of
55 relatively large tractive portions spaced apart from each other and distributed along and extending substantially coincidentally with the tread portion of the shoe, and means for attaching the covering to the shoe.

In witness whereof I have signed this specification in presence of two witnesses.

CHARLES G. ADAMSON.

Witnesses:

C. F. HENRY,
P. O'BYRNE.