D. McCORMICK.

DANCING SHOE.

APPLICATION FILED JAN. 21, 1914.

1,152,115. Patented Aug. 31, 1915.

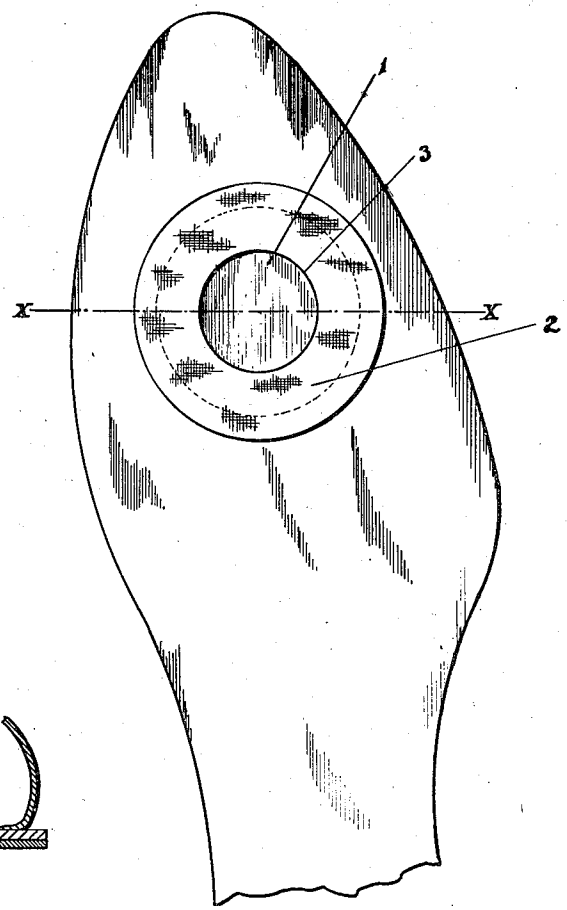


Fig. 1.

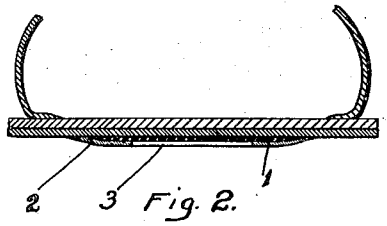


Fig. 2.

Inventor

DOUGLASS McCORMICK.

Witnesses

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UNITED STATES PATENT OFFICE.

DOUGLASS McCORMICK, OF COLUMBUS, OHIO.

DANCING-SHOE.

1,152,115. Specification of Letters Patent. Patented Aug. 31, 1915.

Application filed January 21, 1914. Serial No. 813,553.

To all whom it may concern:

Be it known that I, DOUGLASS McCORMICK, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Dancing-Shoes, of which the following is a specification.

My invention relates to improvements in dancing shoes and has particular relation to attachments for dancing shoes or other shoes to be used on comparatively smooth surfaces.

The objects of my invention are to provide a simple, inexpensive and yet effective attachment for the soles of shoes, which will serve to prevent the sole of the shoe from slipping on smooth or polished surfaces; to so construct my improved non-slipping attachment as to admit of its being readily applied to the sole of the shoe by unskilled persons and to attain other objects which will be more fully pointed out hereinafter.

These objects I accomplish in the manner illustrated in the accompanying drawing, in which:

Figure 1 represents a view of a portion of the underside of a shoe or sole, and, Fig. 2 is a transverse section on line *x*—*x* of Fig. 1.

Similar numerals refer to similar parts throughout the several views.

In carrying out my invention, I provide a comparatively thin patch or pad of rubber or similar non-slipping material, such as is indicated at 1 and to the surfaces of this pad I cause to be applied a thin layer of adhesive cement of a suitable character which, when pressed into contact with a shoe sole will readily adhere thereto and become substantially an integral part thereof. Upon the outer face of the non-slipping pad 1, I affix a disk or suitably shaped piece of fabric 2, the inner face of which has been previously treated with an adhesive substance. This adhesive fabric is of greater area than the pad 1 and has its central portion cut out to form an opening 3 therein, through which is exposed the central portion of the pad 1. The pad body thus prepared may have its uncovered upper face which, as described, is coated with adhesive material, provided with a temporary thin fabric protector as is common in medicinal plasters and such protector being removed from the pad, the cement coated face of the latter may be pressed into contact with the sole of a shoe, with such pressure as to insure a desirable adhesion of the pad to the sole. At the same time that portion of the outer ring-like covering 2 which projects beyond the edges of the non-slipping pad body 1 may be, in a similar manner, pressed into adhesive engagement with the sole of the shoe. In this manner the pad 1 is not only firmly affixed to the shoe sole, but is assured in its position thereon by the binding action of the ring-like cover 2. It will also be understood that the fabric member 2 being comparatively thin, will serve to protect the edges of the pad 1 and prevent the latter from any tendency toward curling or becoming loosened from the shoe by contact with the floor.

My invention is particularly designed for the use of dancers of the modern or present-day dancers, in which the sliding or slipping of the foot over the floor, has been largely replaced by the employment of more positive steps of the character taken in walking and running and it is well known to those who employ these dancing steps, that the slipping or gliding action of the shoe on the floor, is undesirable.

It will be observed that my improved attachment is simple of construction and that the same may be produced at comparatively low cost and readily applied to the sole of a shoe.

What I claim, is:

An attachment for the soles of dancing shoes comprising a suitably shaped pad of comparatively thin rubber, said pad having a coating of adhesive material, and an adhesive fabric member provided with an opening therein and of greater area than the area of the rubber pad, said adhesive fabric member being secured to the outer face of said pad.

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

DOUGLASS McCORMICK.

Witnesses:

WALTER E. L. BOCK,

A. L. PHELPS.