No. 683,623. Patented Oct. 1, 1901.

M. A. RUSS.

BOWLING SANDAL.

(Application filed Jan. 14, 1901.)

(No Model.)

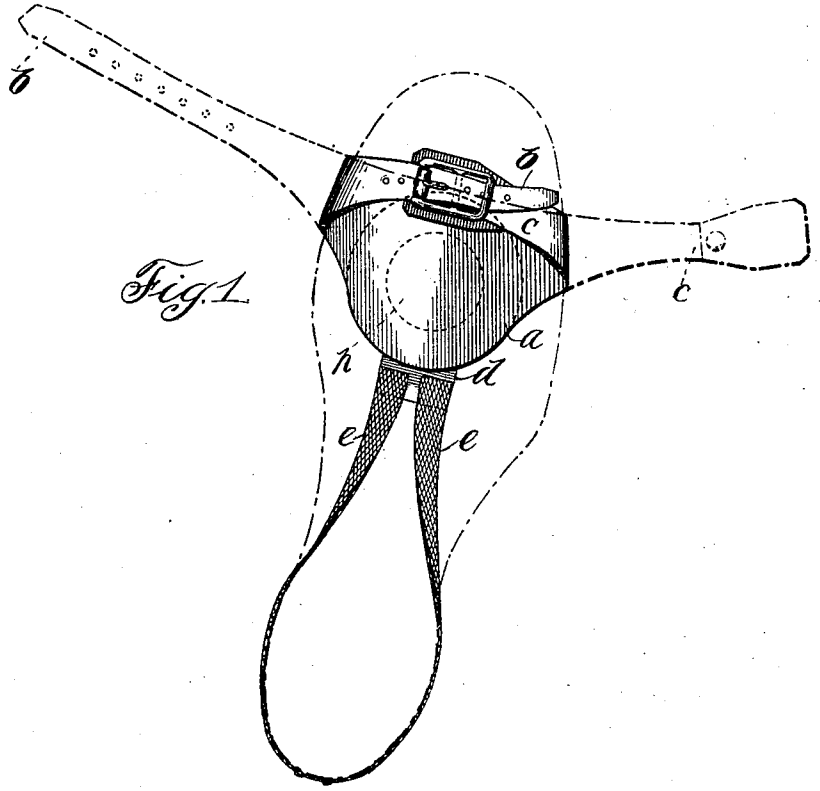


Fig. 1.

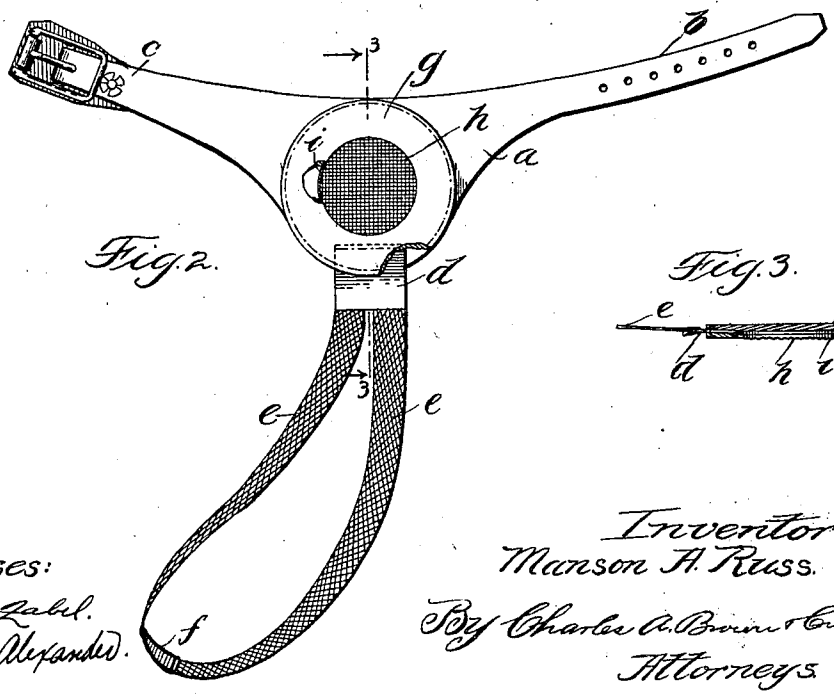


Fig. 2.

Fig. 3.

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UNITED STATES PATENT OFFICE.

MANSON A. RUSS, OF CHICAGO, ILLINOIS, ASSIGNOR OF TWO-THIRDS TO JAMES T. MAHER AND GEORGE M. MURRAY, OF SAME PLACE.

BOWLING-SANDAL.

SPECIFICATION forming part of Letters Patent No. 683,623, dated October 1, 1901.

Application filed January 14, 1901. Serial No. 43,191. (No model.)

To all whom it may concern:

Be it known that I, MANSON A. RUSS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Bowling-Sandals, (Case No. 1,) of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to sandals designed for bowlers' use, and has for its object the provision of a sandal that will lie close to the sole of the shoe to which it is applied, and the further provision of a construction of the sole of the sandal that will when properly manipulated by the wearer permit the foot to slide, and because of sufficient frictional engagement with the floor of the bowling-alley to stop the sliding of the foot when desired.

The invention has for its further object the provision of an elastic that serves to fasten the rear of the sandal to the heel of the shoe, the elastic being provided with tabs of canvas or other material that readily withstands frictional wear, so that the elastic will not be injured due to hard usage to which the sandal is subject.

The sandal proper is preferably of composite construction, the main body portion of the stem of the sandal being preferably substantially the width of the shoe and provided at its forward end with strap-like extensions that project angularly in a forward direction from the main body portion of the sandal. When these strap ends, that are provided with holes and a buckle, are fastened over the toe of the shoe, the front part of the body portion is drawn tightly against the sole of the shoe, so that it will be impossible for the body portion of the sandal to sag downwardly at its forward end, whereby the liability of this sandal to trip the bowler and to permit of the access of splinters between the sandal and the shoe is avoided. This body portion of the sandal is preferably provided with a composite sole made in part preferably of elk-hide and of rubber, the rubber being preferably inserted in the middle of the sole of the sandal.

I will explain my invention more fully by reference to the accompanying drawings, illustrating the preferred embodiment thereof, in which—

Figure 1 is a top view illustrating in full lines the sandal in the position it occupies when enveloping the shoe, the unfolded position of the sandal being indicated by dotted lines. Fig. 2 is a view of the sandal in its unfolded position from beneath. Fig. 3 is a sectional view on line 3 3 of Fig. 2.

Like parts are indicated by similar characters of reference throughout the different figures.

The supporting-body *a* when unfolded is preferably in a form somewhat analogous to a triangle, the rear portion of which is semicircular in contour, while the forward base portion of the triangle is concaved toward the curved apex. The forward corners of the body are elongated into a perforated strap end *b* and a second strap end *c*, that is provided with a buckle with which the perforated strap portion may be engaged in fastening the sandal into place. The strap ends of the sandal-body when unfolded are disposed in a line that is removed in practice about one inch from the intermediate portion of the forward edge of the sandal, so that when the strap ends are engaged with each other, as illustrated in Fig. 1, the sandal-body is firmly engaged with the sole of the shoe, as the force of compression exerted by the united straps is in a line in front of the major part of the sandal-body, so that this part of the sandal-body cannot sag, whereby the objections heretofore mentioned are overcome. This is a very important feature of my invention, as heretofore sandal-bodies have been gored in the reverse direction—that is, the line followed by the front edge of the sandal-body would be convex instead of concave—giving rise to much difficulty and rendering devices of this character unsatisfactory for their designed purpose. The curved apex of the sandal-body is preferably provided with a tab *d*, that may have direct contact with the floor of the alley, and which on this account is made of canvas or other material more resistant to frictional wear than the elastic band *e*, that I employ for uniting the rear curved apex portion of the sandal to the heel portion of the shoe. The elastic band *e* is preferably sep-

arated at the rear end, where it engages the heel for the purpose of providing an insert *f*, of canvas or other similar strong material, to prevent injurious frictional wear of the elastic upon the shoe. The body portion of the sandal thus constructed forms a suitable support for the sole of the sandal, that is preferably formed separately and thereafter secured in place. The sole is preferably formed of a disk of elk-hide *g*, that is provided with a circular centrally-disposed recess in which an insert *h* of rubber is disposed. This rubber insert is provided with a shoulder *i*, which engages a corresponding shoulder upon the sole, so that the insert is firmly held in place. The sole having this insert is secured to the body of the sandal by means of rubber or other suitable cement, stitching being preferably employed to reinforce the cement. The elk-hide permits a sliding motion, while the rubber insert when brought into play serves to check this motion.

In Fig. 2 I have shown some of the parts broken away to reveal more clearly certain details of construction.

By proper manipulation of the foot the sandal may be caused to permit a sliding movement or to check the motion suddenly, the rubber insert serving this latter purpose.

I have described the invention as particularly adapted for bowlers' use; but it may be used for other athletic purposes, and I do not, therefore, wish to be limited to the use to which the invention may be put.

While I have herein shown and particularly described the preferred embodiment of my invention, it is obvious that departures may be made without departing from the spirit of the invention, and I do not, therefore, wish to be limited to the precise embodiment herein shown and particularly described; but,

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. As a new article of manufacture, a sandal, provided with a body portion having the part that is disposed adjacent to the toe of the shoe to which the sandal is to be applied, curved to form a concave edge, the forward corners of the sandal-body being continued in the form of straps along the concave edge, and means for attaching the rear part of the sandal-body to the heel portion of the shoe, substantially as described.

2. As a new article of manufacture, a sandal, having a body portion provided with means for securing the same to the shoe, the body of the sandal being provided with a tab *d*, capable of withstanding frictional wear, and an elastic band *e* attached to the tab for securing the sandal to the heel of the shoe, substantially as described.

3. As a new article of manufacture, a sandal, having a body portion provided with means for securing the same to the shoe, the body of the sandal being provided with a tab *d*, capable of withstanding frictional wear, and an elastic band *e* attached to the tab for securing the sandal to the heel of the shoe, the rear of the elastic band being provided with an insert of material capable of withstanding frictional wear, substantially as described.

4. As a new article of manufacture, a sandal having a body portion that is disposed adjacent to the toe of the shoe, provided at its forward corners with continuations in the form of straps, forming, with the forward edge of the said body portion, a concave edge, and means for attaching the rear part of the sandal-body to the shoe, substantially as described.

In witness whereof I hereunto subscribe my name this 12th day of January, A. D. 1901.

MANSON A. RUSS.

Witnesses:

HARVEY L. HANSON,

HERBERT F. OBERGFELL.