

(No Model.)

C. E. GOODSPEED.
LEGGIN.

No. 476,377.

Patented June 7, 1892.

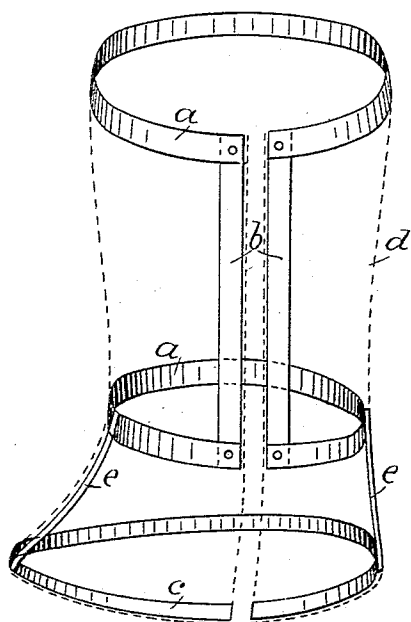


Fig. 2.

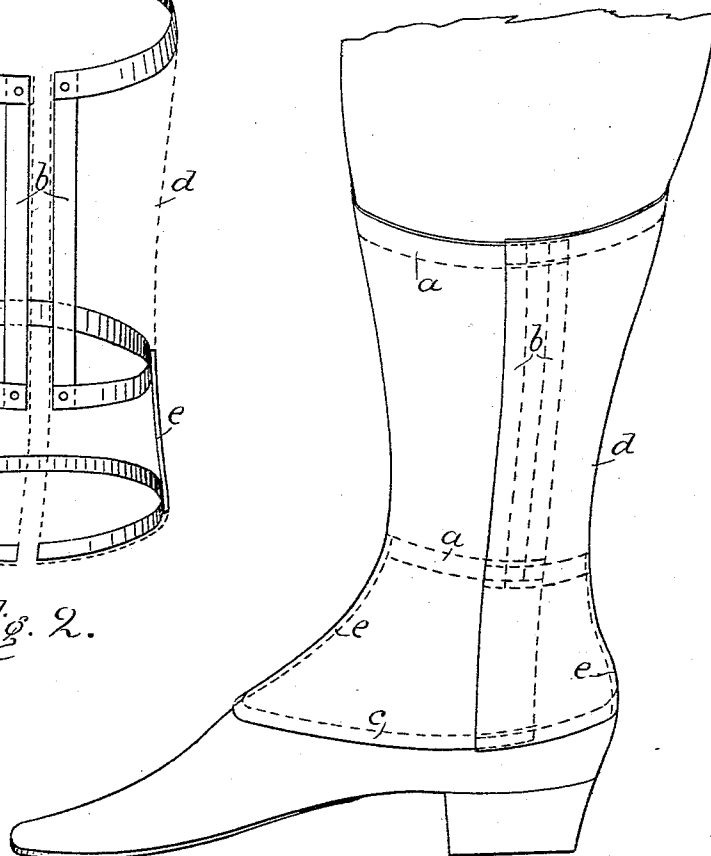


Fig. 1.

Witnesses
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UNITED STATES PATENT OFFICE.

CHARLES E. GOODSPEED, OF CHICAGO, ILLINOIS.

LEGGIN.

SPECIFICATION forming part of Letters Patent No. 476,377, dated June 7, 1892.

Application filed August 8, 1891. Serial No. 402,115. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. GOODSPEED, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Leggins, which are fully set forth in the following specification, reference being had to the accompanying drawings, forming a part hereof, and in which—

Figure 1 shows my improved leggin in use. Fig. 2 shows the construction of its interior frame-work in full lines, the covering thereof being indicated in broken lines.

Like letters refer to like parts.

The object of my invention is to produce a leggin which may be sprung into and held in its place without the use of buttons, hooks, or like fastening devices and which may therefore be very quickly applied and removed, and which shall be particularly desirable for bicycle-riders. To attain said ends, I construct my said new and improved leggin in substantially the following manner, namely: I make two rings, preferably of spring-steel blades, with open ends to said rings, and I unite said open ends to rods or vertical flat bars *b*. Said parts so united form a frame-work for the upper part of my leggin, which extends down to above the ankle. Into the lower edge of the lower and expanded part of the leggin which lies over the instep and from the ankle downward, I put another open ring *c*. Said lower ring holds the lower edge of the leggin snugly upon the instep and heel and causes a very neat and desirable fit,

because said spring or open ring can be bent to fit the shape of the foot. By this arrangement the use of straps under the foot may be dispensed with, and when desired it may be aided by making the material below the lower ring of said frame of stiff cloth or leather, or, if preferred, said ring may be held by braces *e* between the ring *c* and the lower ring *a* of said frame. Over said frame and ring is placed the usual covering of cloth, canvas, or leather, cut and fitted for a leggin, but having no fastenings, as hooks and eyes or buttons, at the joints and no straps under the foot. Such a gaiter or leggin may be put on or taken off by simply springing its side edges apart until it can pass over the limb.

It is not intended to claim, broadly, an elastically-closing garment; but what I do intend to claim is such a garment provided, as herein shown, with an upper frame of connected rings and the other constructions, as described and shown, and for the purpose as set forth.

What I claim is—

A leggin having a frame consisting of three rings, two of said rings united by vertical bars connected to the ends thereof and wherein the third ring is connected to one of said rings by opposite braces, each removed a quarter-circumference from the opening of said ring, substantially as specified.

CHARLES E. GOODSPEED.

Witnesses:

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