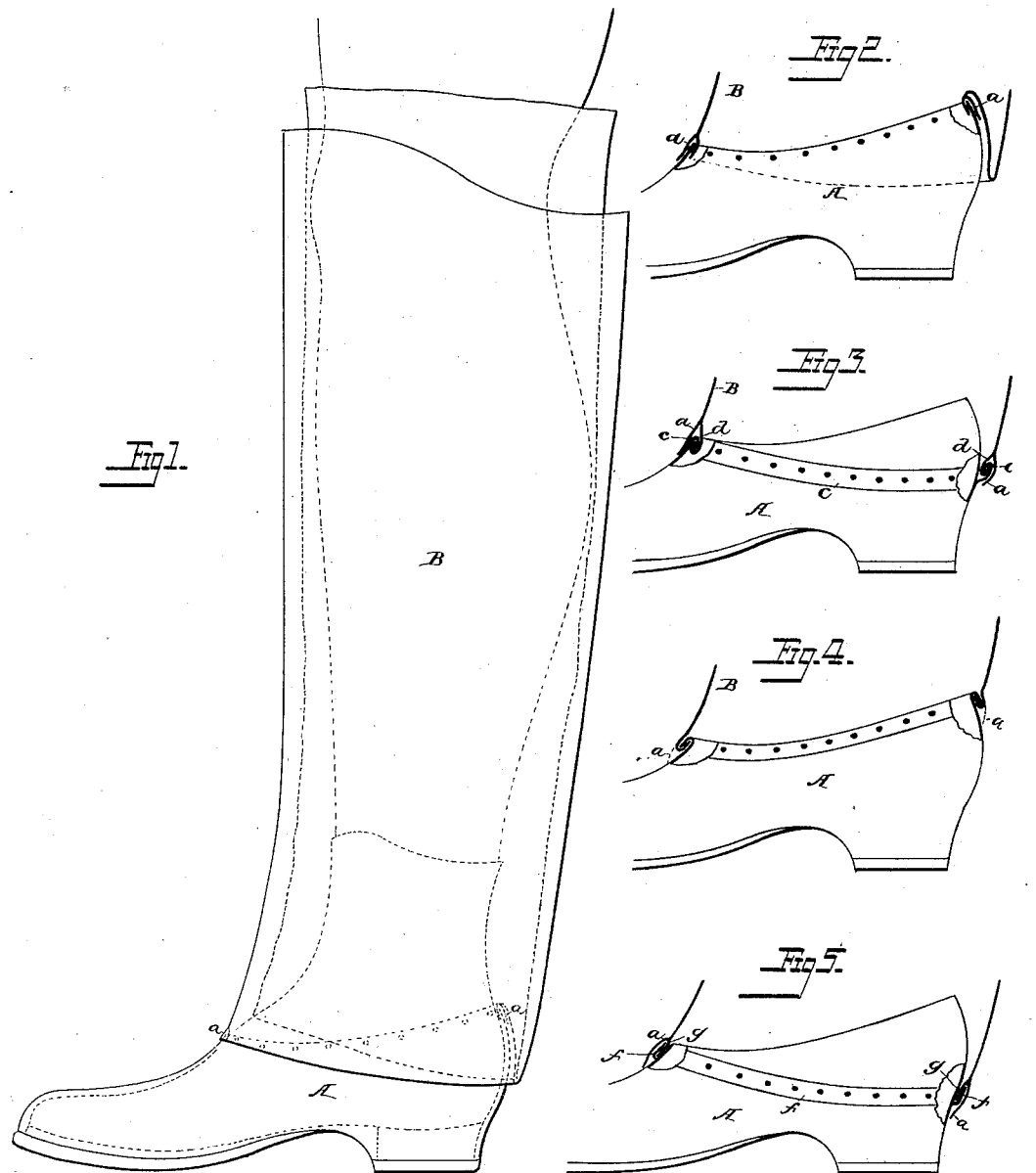


(No Model.)

F. T. WELTON.  
RUBBER SHOE AND LEGGIN.

No. 342,152.

Patented May 18, 1886.



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# UNITED STATES PATENT OFFICE.

FRANK T. WELTON, OF BIRMINGHAM, CONNECTICUT, ASSIGNOR OF ONE-  
HALF TO LEOPOLD KRAUS, OF SAME PLACE.

## RUBBER SHOE AND LEGGIN.

SPECIFICATION forming part of Letters Patent No. 312,152, dated May 18, 1886.

Application filed February 2, 1886. Serial No. 190,641. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK T. WELTON, a citizen of the United States, residing at Birmingham, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Rubber Shoes and Leggings, of which the following is a specification.

My invention has for its object to provide a shoe and leggin so constructed and detachable that the shoe may be used as an ordinary rubber shoe independently of the leggin, and so that the two may be connected to serve all the purposes of an ordinary high boot; and to this end I construct the parts as fully set forth hereinafter, and as illustrated in the accompanying drawings, in which—

Figure 1 is an outside view of a shoe and leggin illustrating my invention. Fig. 2 is a section showing the connection between the shoe and leggin. Figs. 3, 4, and 5 are sectional views showing modified forms of connection.

The shoe A is made in any ordinary or suitable manner, and the leggin B is also constructed like many in common use—of rubber cloth, oil-cloth, or of water-proof material of any suitable character—in the shape of a continuous tube.

As the form, particular construction, and material of the shoe and leggin constitute no part of my invention, it will not be necessary to refer to these features, but only to the mode of connection between the two, so that the shoe may be used with or without the leggin, this feature embodying my improvement.

For the purpose of securing the desired detachable connection, I provide the leggin at the lower end with an extension or flap, *a*, which overlaps the face of the shoe, and within this flap I connect the two together by any suitable connection, which may be varied according to circumstances.

In the drawings, I have shown the shoe as being provided with a series of holes and the leggin with a series of studs or buttons adapted to enter said holes. These holes may be at the top of the shoe, as shown in Fig. 2, or they may be at any suitable distance from the top,

or may be near the top at the front of the shoe and extend below the top at the rear, as shown in Fig. 3.

In Fig. 1, the shoe A is shown as connected with the leggin B, the end of the leggin preferably being inside the shoe, and the pantaloons are shown as extended down the leggin and resting in a fold of the same at the rear, which falls toward the sole of the shoe, while in Fig. 3 the leggin is joined to the shoe below its top at the rear, and extends directly upward, and the pantaloons are allowed to hang in the normal position.

In using the leggin it is first drawn over the leg and pantaloons and upward, so as to permit the shoe to be placed upon the foot, after which the leggin is drawn downward until it is in position to be connected to the shoe, and the flap is turned up to facilitate the connection, which being accomplished, the flap is turned down to conceal the fastening.

Another form of fastening is illustrated in Fig. 3, which shows the shoe provided with an inturned flange, *c*, and the leggin as provided at its lower edge with an outturned flange, *d*, adapted to engage with the flange *c*, as shown, an elastic flap or tongue, *a*, covering the joint, as before. The flanges *d c* may be formed upon strips adapted for application to the edges of the shoe and leggin, and made of rubber, hard rubber, metal, or otherwise, or may be formed in one piece with the shoe.

In Fig. 4 I have shown the shoe as provided with an outturned flange adapted to engage with an inturned flange of the leggin, and the latter may have a flexible flap, *a*, as shown in dotted lines; or in this case the flap may be dispensed with, as the leggin itself conceals the joint.

In Fig. 5 the shoe is shown as provided with a rib or enlargement, *f*, at the upper edge, while the leggin has a stiff flap, *a*, that grasps the enlargement on the outside, and a similar flap, *g*, which grasps it from the inside, one or both of the flaps being of a character to yield, to permit the leggin to be connected to the shoe. By thus providing the shoe and leggin with means of attachment, as described, I am enabled to use the shoe alone in the sa

manner as ordinary shoes, and I am also enabled at any time to make such a connection with a leggin that the two together will constitute a practically continuous boot, adapted for use where ordinary boots are usually employed.

My invention is distinguished from devices in which leggins are attached at one or two places to shoes, in that in my invention the leggin is attached by a nearly water-tight joint entirely around its lower end to the shoe, thus forming, in connection with the shoe, a practically continuous boot, while the shoe alone may be used as an ordinary overshoe.

Without limiting myself to the precise construction and arrangement of parts shown, I claim—

1. The combination of a shoe and a leggin independent thereof, both shoe and leggin having attaching devices for connecting the said leggin entirely around its bottom to the shoe, substantially as described.

2. The combination of a shoe, a leggin in-

dependent thereof, attaching devices for connecting the leggin entirely around its bottom to the shoe, and a flap concealing said connections, substantially as described.

3. The combination of a shoe having slots or button-holes and a leggin having studs or buttons around its lower end, adapted for attachment to said slots or button-holes, substantially as described.

4. The combination of the shoe having slots or buttons-holes and a leggin having buttons or studs at its lower edge, adapted for attachment to said slots or button-holes, and a flap, *a*, extending from the leggin over the studs or buttons, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

FRANK T. WELTON.

Witnesses:

ARTHUR B. CURTIS,  
EDWIN B. GAGER.