

(No Model.)

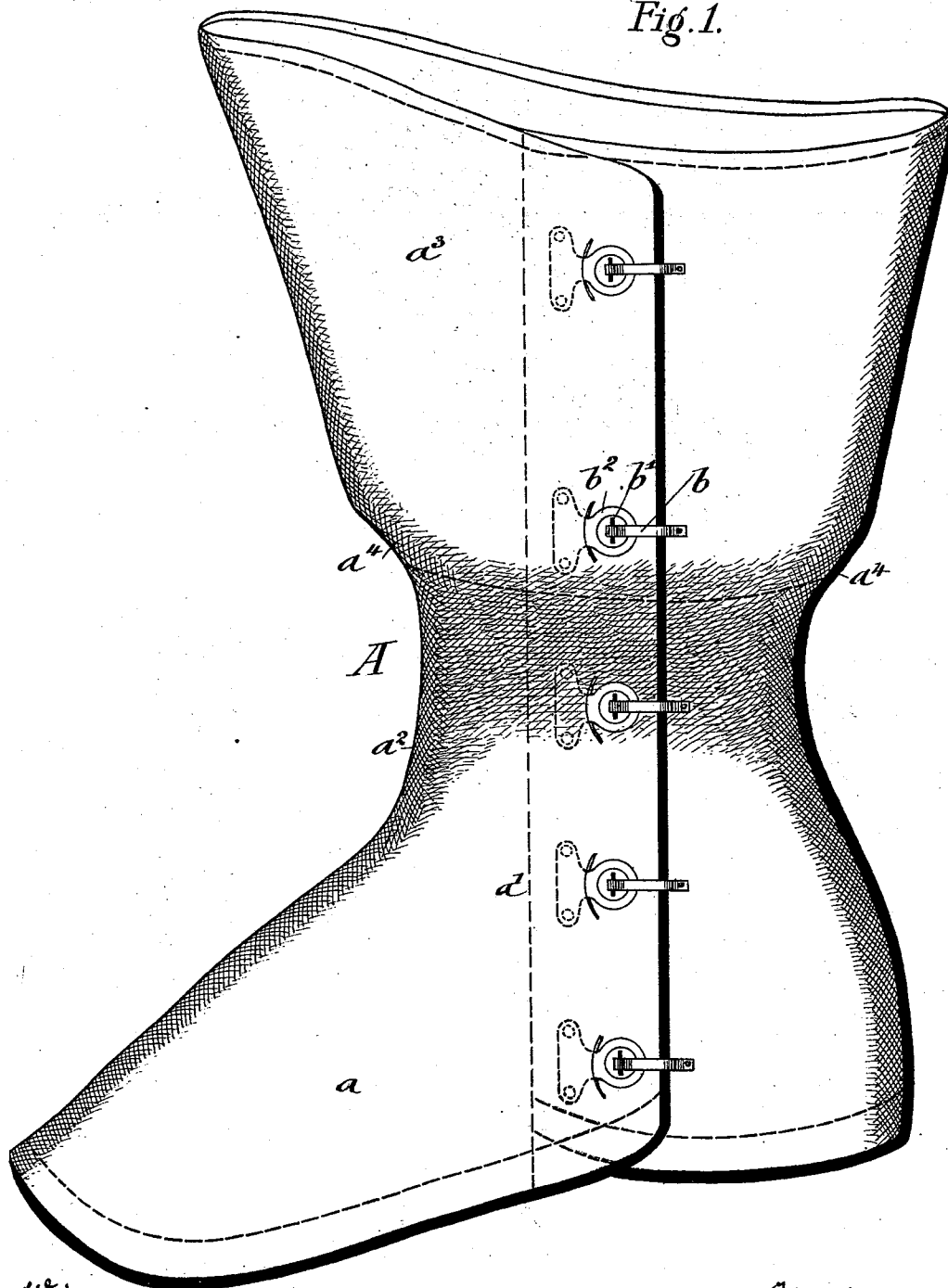
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C. J. ALLEN.
GAITER.

No. 540,889.

Patented June 11, 1895.

Fig. 1.



Witnesses:
William Chapman
William Frederic Weir.

Inventor:
Caleb Josiah Allen
BY *George C. Rogers*
ATTORNEYS

(No Model.)

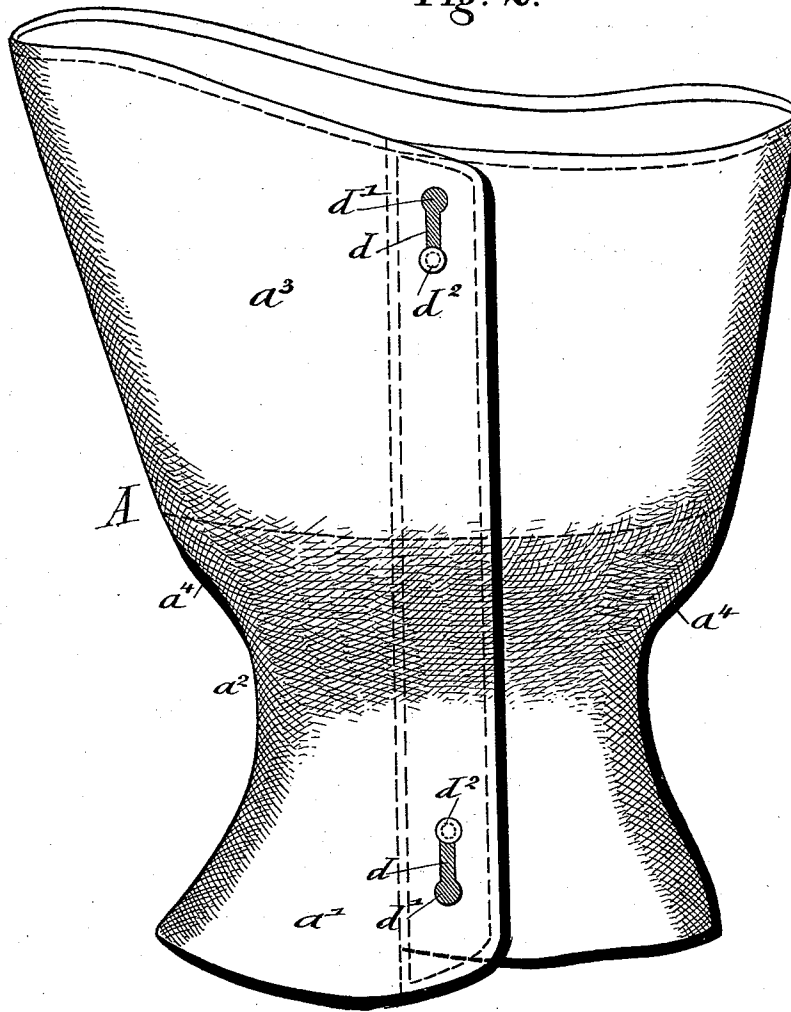
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No. 540,889.

Patented June 11, 1895.

Fig. 2.



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UNITED STATES PATENT OFFICE.

CALEB JOSIAH ALLEN, OF BIRMINGHAM, ENGLAND.

GAITER.

SPECIFICATION forming part of Letters Patent No. 540,889, dated June 11, 1895.

Application filed January 10, 1895. Serial No. 534,449. (No model.) Patented in England November 15, 1894, No. 22,062.

To all whom it may concern:

Be it known that I, CALEB JOSIAH ALLEN, a subject of the Queen of Great Britain, residing at Birmingham, England, have invented certain new and useful Improvements in Gaiters, (for which I have obtained Letters Patent in Great Britain, No. 22,062, dated November 15, 1894,) of which the following is a specification.

My invention relates to a gaiter, boot, leggin, or spatt, and its object is particularly to provide foot-wear for bicyclists, though the same may be adapted for other persons and will be found equally advantageous.

The primary object of the invention is to prevent the creasing of and injury to the legs of the trousers, and the disfigurement which is occasioned by spring attachments or other devices heretofore in use.

To these ends my invention consists of a gaiter, leggin, boot or spatt, which comprises an ankle-portion and an abnormally enlarged upper portion which extends above the contracted portion between the ankle portion and the same, and which is suitably stiffened so as to stand out from the trousers leg and permit the rolling up of the same within the enlarged upper portion of the gaiter.

In the accompanying drawings, Figure 1 is a side elevation of a gaiter constructed according to my invention and provided with a foot part, and Fig. 2 is a similar view of a gaiter without a foot part.

Similar letters of reference indicate corresponding parts.

When applied to gaiters (spatts), the material of the article is preferably leather, waterproof material or the like, and the body of the gaiter A is constructed so as to overlap at its ends in the usual way; while as shown in Fig. 1, it may be provided with a foot-portion a , or the same may be dispensed with, as shown at Fig. 2. Above the ankle-portion a' is a contracted portion a^2 . The upper or leg-portion a^3 is offset at a^4 from, and extends above and flares outwardly from the contracted portion a^2 , the same being of considerably greater dimensions than that of the ankle-portion, so as to afford a pocket to enable the folding within the same of the bottom of the trousers leg. The annular offset formed between the contracted portion and the upper leg portion

is what enables the upper leg portion to be made of abnormal size. The provision of this abnormal size to the upper or leg-portion enables the loose folding of the trousers leg within it, and the absence of any pressure upon the same so as to prevent creasing of the trousers. This upper or leg-portion a^3 is, when desired, suitably stiffened so that it can retain its position and shape, or it can be made of thin card-board or other suitable material if necessary, attached to the ankle-portion of the gaiter.

The enlargement of the leg portion of the spatt, while it is continued around the same to a certain extent, is fuller at the back thereof than at the front, as that is where the folding of the trousers takes place. The provision of the fullness at the back also diminishes as much as possible any interference that might be caused by the resistance of the wind, and also prevents too close proximity to the gearing of the bicycle. When adapted for an anklet, (the foot portion being dispensed with) the construction of the leg-portion is precisely similar to that described.

The method of fastening the gaiter, boot, leggin, or spatt which I prefer to adopt, is as follows: Around the top of the leg portion of the gaiter, and also around the ankle or foot-portion thereof, a circular divided ring of suitable spring metal is arranged, as shown in dotted lines in Fig. 1, for the purpose of suitably stiffening the gaiter, boot, leggin, or spatt. One of the meeting-edges of the article is provided with a spring finger or thumb-piece b attached rigidly thereto and provided at its free end with a head b' having a hinge-connection with the finger or thumb-piece, said head being adapted to engage a hole or concavity in an eye-piece b^2 fastened rigidly to the other edge. A series of these fastening devices are preferably provided. The head b' will be securely held in the concavity of the opposite end when the two ends are juxtaposed and connected. The natural spring of the metal will probably be sufficient to cause the fastening to be self-acting. In order to release the fastening, pressure exerted upon the thumb-piece or lever will disengage the parts. If desired the upper and lower circular rings or fastenings may be connected by a vertical spring strip running down the meet-

ing or overlapping edges of the gaiter or other article, so as to assist in maintaining the rigidity of the leg-portion.

Though I have specified the above-named fastening as the preferred form, I may employ other suitable forms of fastenings such as a lever and eyelet, a side spring, buttons, &c., as usual.

Another example of a fastening medium is shown in Fig. 2, wherein one meeting-edge of the gaiter there shown is provided with headed studs d^2 which are adapted to engage in the slots d' provided in the opposite edge of the gaiter, said slots d' being provided with enlarged eyes d' at their outer ends to permit the ready introduction of the studs d^2 .

A gaiter or similar article constructed according to my invention is much neater, more easily put on, and is more elegant in appearance than those heretofore in use; and is at the same time either suitable for riding or walking, while it prevents the creasing or injuring of the trousers.

What I claim is—

1. A gaiter, leggin or like article of foot-

wear, consisting of a body provided with an ankle-portion, a contracted portion above the ankle-portion, an offset above the contracted portion, and an enlarged upper or leg-portion above the offset so as to form a pocket in which the rolled-up leg of the trousers can be placed, substantially as set forth.

2. A gaiter, leggin or like article of footwear, consisting of a body provided with an ankle-portion, a contracted portion above the ankle-portion, an offset above the contracted portion and an enlarged upper or leg-portion above the offset so as to form a pocket in which the rolled up leg of the trousers can be placed, and fastening devices for the overlapping edges of the article, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

CALEB JOSIAH ALLEN.

Witnesses:

WILLIAM FREDERICK WEIR,
WILLIAM CHAPMAN.