

G. C. HENNING.
Overalls.

No. 198,299.

Patented Dec. 18, 1877.

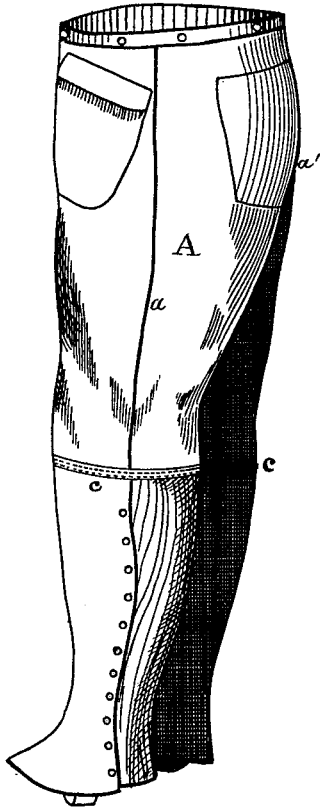


Fig. 1.

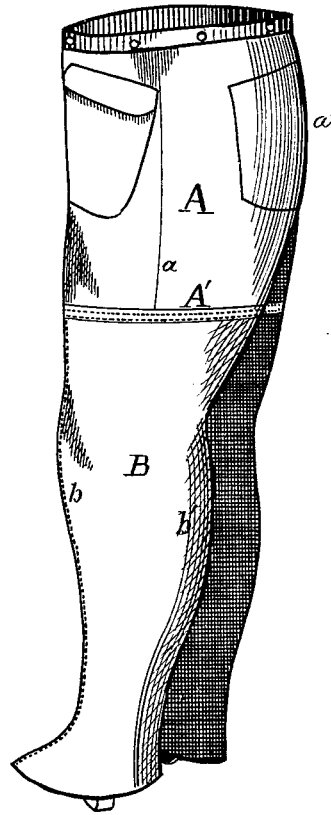


Fig. 2.

Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE C. HENNING, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN OVERALLS.

Specification forming part of Letters Patent No. **198,299**, dated December 18, 1877; application filed November 17, 1877.

To all whom it may concern:

Be it known that I, GEORGE C. HENNING, of Washington, District of Columbia, have invented certain new and useful Improvements in Overalls; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to the manner of forming overalls made of stout "duck," which is so unyielding that, in the formation of the front and back of the body and legs, it is requisite that each part shall be duly cut to a particular pattern to give the shape of the leg, whereby the overalls will fit the undergarments comfortably to the wearer, as will be hereinafter more fully described.

In the drawings, Figure 1 represents one method of constructing the overalls, and Fig. 2 represents another method, and the one I much prefer, as will be now described.

A is the body part of the garment, and in this case is formed of four separate pieces, joined by seams on the sides, as at *a*, and in the back at *a'*, and fastened in front like ordinary pantaloons, and the usual pockets are supplied, as seen in both figures.

B represents the leg, which is cut to the proper shape, and formed of two pieces, which are sewed together in front and in rear at *b* and *b'* in Fig. 2, and in Fig. 1 left open on the lower leg part, which is fastened by buttons, and forms a long gaiter.

In Fig. 2, the leg is stitched or sewed to the body A at the seam A' at any distance above the knee which may suit the form of the person for whom the garment is designed, the purpose being to construct the overalls of

this rigid duck in such a manner that the wearer can walk with them without the usual trouble experienced in the old-style overalls made from the duck, from waist to the bottom, of one entire piece. By severing the duck the shape of the body part A may be given in the patterns of its several parts, and the leg will be formed by the pattern of its several parts, and so cut as to be truly joined by the seam at A'.

The leg may be also joined to the body, as in Fig. 1 at *c*, below the knee; but I prefer to make the junction above the knee, at any convenient point below what may be termed the "body" A.

In this construction the motion of the leg in stepping is not so much impeded, and the material can be more readily fitted together.

In cutting pantaloons from elastic material the tailor always presses into shape the several parts which have fullness on one side more than the other; but in this material for overalls the parts are like sheet-metal work. Each piece must be cut to such a pattern that, when the edges are joined, the proper shape will be obtained; hence, as in funnels and similar articles, the pieces of tin must be cut to a particular pattern, so that when joined the desired shape will be had.

Having described the invention, I claim—

Overalls having the leg formed independently of the body, and connected to it by a seam, A' or *c*, substantially as and for the purpose described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

GEORGE C. HENNING.

Witnesses:

A. J. BENNETT,
CHAS. T. PARKER.