(No Model.)

W. F. KNEIP.

LADY'S DRAWERS.

No. 357,127. Patented Feb. 1, 1887.

Fig. 2.

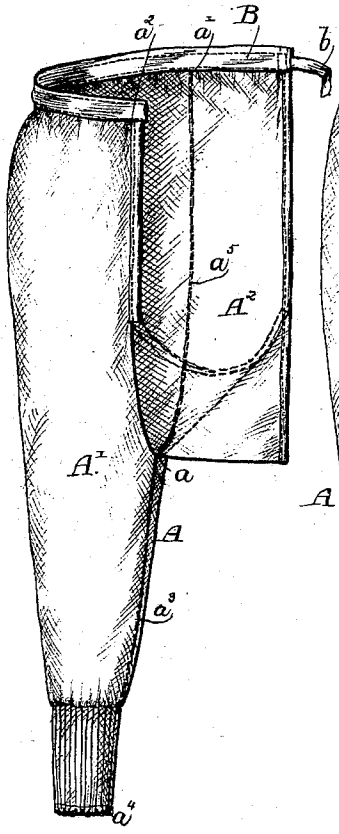


Fig. 1.

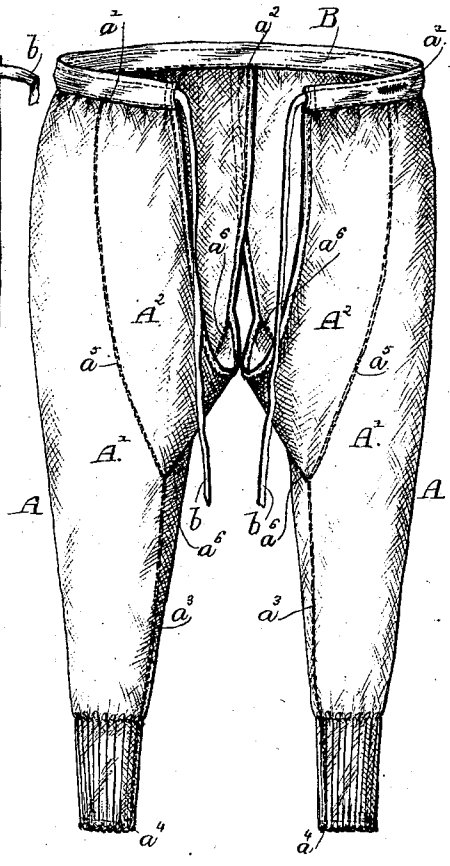
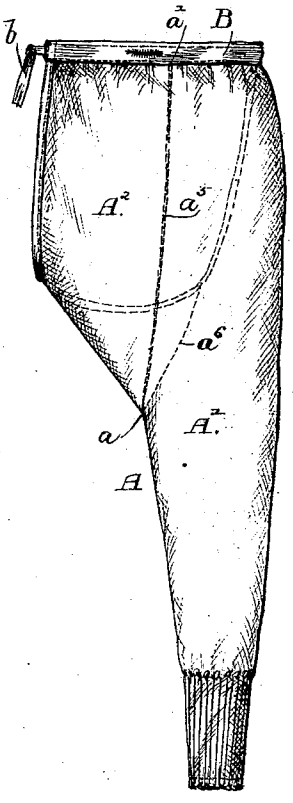


Fig. 3.



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UNITED STATES PATENT OFFICE.

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LADY'S DRAWERS.

SPECIFICATION forming part of Letters Patent No. 357,127, dated February 1, 1887.

Application filed September 21, 1886. Serial No. 214,187. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. KNEIP, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Ladies' Drawers; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide an improved construction in ladies' knit or under drawers; and it consists in the matters hereinafter described, and pointed out in the appended claim.

In ladies' drawers made in the manner common heretofore each side or half including the leg and body portion thereof, has, when made of the so-called "woven" knit fabric, or that produced upon a machine employing a number of simultaneously-operating needles acting upon a plurality of threads, been made from one piece of such fabric cut to the proper shape and suitably joined at the inner side of the leg. Drawers have also been heretofore made of a more flexible knit fabric, made by a machine such as the "Lamb" machine, using but one thread, by knitting each half in two parts, made suitably wide at the upper or body portion and joined at both the inner and outer side of the leg.

In drawers made in accordance with my invention each side or half thereof is joined at the waistband in front and is open behind in the usual manner, and each half, including the leg and body portion thereof, consists of two parts. One of said parts forms the main body of the garment, and is formed by a piece of fabric extending the full length of the garment and having a width at its widest part only sufficient to make the leg or tubular part of the garment, and the other of said parts is a strip of fabric, generally rectangular in form, and attached at one of its longer edges to the vertical rear edge of the body portion of the main part first mentioned, and at its lower end or shorter edge to the lower portion of the front margin of the said main or body part. The said rectangular strip is made of the same length as the free edge of the main portion, measured from the upper end of the leg-seam to the waistband, and of such width that when sewed to the main part the garment will be sufficiently large at the body or waist portion, as will hereinafter more fully appear.

A main advantage gained by the novel construction above described is that the fullness in the upper and rear part of the garment necessary to a perfect and comfortable fit is thereby obtained, while at the same time the article consists of but few parts, of simple shape, which can be readily put together.

The novel construction comprising my invention has especial advantages as applied to knit goods of that kind made upon a Lamb machine, for the reason that the two parts above described as constituting each half of the garment may be readily and easily made upon a machine of this character. Such machines are not usually adapted for knitting a very wide web, and by reason of this fact knit drawers produced by the use of these machines have usually been made of four main parts, each half consisting of two parts much wider at their upper than at their lower parts, and united at the inside and outside of the leg, as above described.

In knitting drawers made as proposed by me, the parts being nearly of the same width in all parts may be more rapidly and economically made upon machines of this kind, while at the same time a better-fitting article is produced, as above stated. The production of an article which can be readily made upon a Lamb or similar machine is greatly to be desired, inasmuch as the fabric produced by such machines is more elastic, and has other qualities causing it to be recognized as a superior material for underclothing. Great advantages are, however, also gained by the employment of the construction described in woven knit goods and other material out of which ladies' drawers are made, owing to the more perfect fit and simplicity of manufacture, and in carrying out my invention, therefore any particular kind of material suitable for the purpose described may be employed in the manufacture of the articles.

The invention may be more readily understood by reference to the accompanying drawings, in which—

Figure 1 illustrates a garment embodying

my invention as viewed from the rear. Fig. 2 is a perspective of one-half or part of the garment as viewed from the front, showing the two pieces in full lines as partially connected and in dotted lines as attached. Fig. 3 is a view of the garment shown in Fig. 1 as viewed from the side.

In the said drawings, A A are the two halves or parts of the garment, which are attached in the usual manner to a waistband, B, connecting the parts at the front of the garment and provided with tapes or tying strings *b b* in the usual manner. Each half or part A consists of a main portion, A′, forming the lower or leg portion, and the outer and front parts of the body portion, and a rectangular web or strip, A^2, attached to the upper rear edge of said part A, and giving the necessary size about the waist and fullness to the body part of the garment. The main portion A′, is originally made in a flat web having parallel side margins from *a* to *a′* and *a* to a^2 at its upper part, and tapered slightly in its lower part and joined at such tapered part so as to form a seam, a^3, at the inner side of the leg, extending from *a* to a^4. The piece or strip A^2 is made considerably longer than it is wide, with its longer side margin of the same length as the straight margin *a* to *a′*, at the rear of the piece A. Said piece A^2 is sewed to the said margin *a* to *a′* at the rear of the piece A′, so as to form a seam, a^5, extending from the upper end of the leg-seam a^3 to the top of the garment, and is also sewed at its lower edge or end to the lower part of the front marginal part, *a* to a^2, of the part A′, so as to form a seam, a^6. The manner of inserting the piece A^2 is well shown in Fig. 2, in which the said piece is shown in full lines as it appears when sewed at its longer edge only, and in which the position of said piece, when its lower edge is sewed in place, is shown in dotted lines.

The general shape of the rear part of the garment is shown in Fig. 3, which clearly illustrates the presence of the fullness given by piece A^2 at this point.

The parts of a garment constructed generally in the manner above described may of course be attached to a waistband or otherwise connected or finished, as may be found convenient or desirable. The main feature of my invention is embraced in a construction embracing the parts A′ A′, made as described, in combination with the pieces A^2 A^2, secured at their side and lower margins to said parts A′ A′, and this construction is herein broadly claimed without restriction to the other features of construction herein shown and described.

The parts A′ A′ may, for instance, be made of two or more separate pieces joined at the outside of the leg or elsewhere without departure from my invention.

I claim as my invention—

The garment herein described and shown, each part or half of which consists of a part, A′, united at the lower portion of its side margins to form the leg, and a part, A^2, of generally rectangular shape, secured at one of its longer sides and at its lower edge or end to the said part A′.

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

WILLIAM F. KNEIP.

Witnesses:

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