July 16, 1935. F. E. WATERMAN, JR 2,008,118

GARMENT

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Fig. 1.

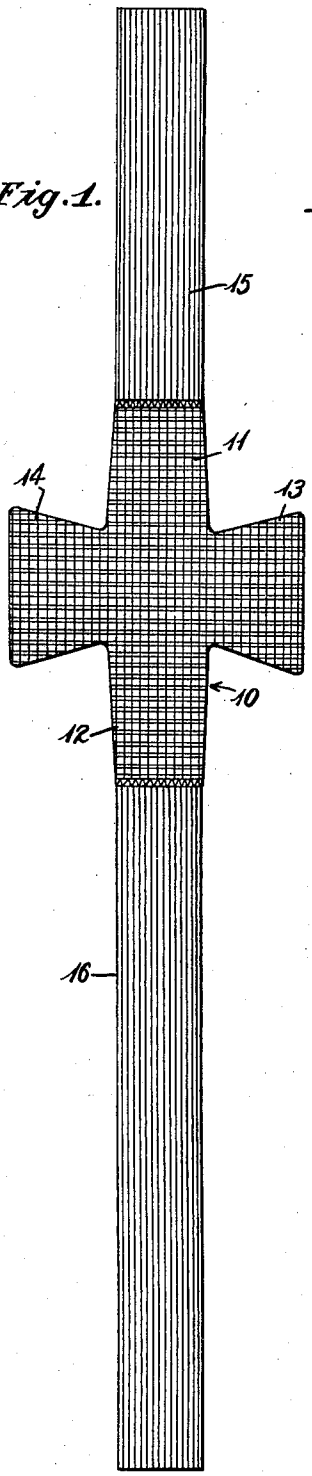


Fig. 2.

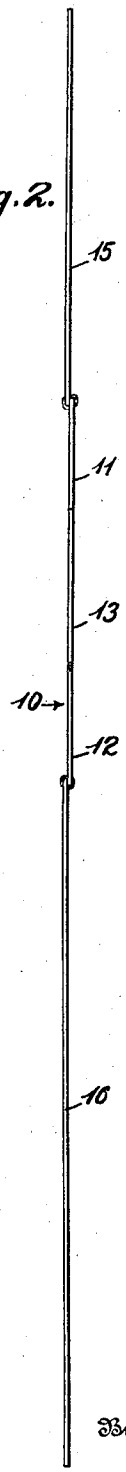


Fig. 3.

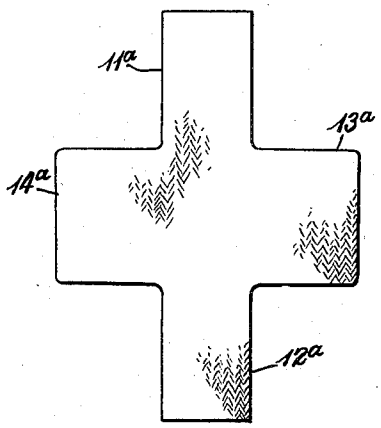
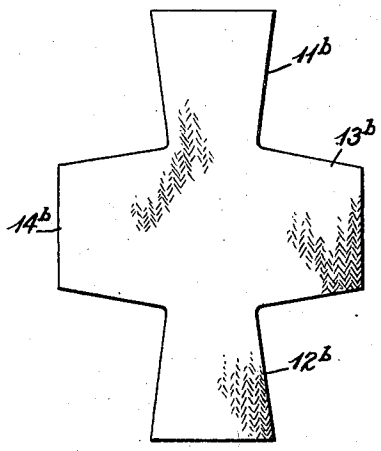


Fig. 4.



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Fig. 5.

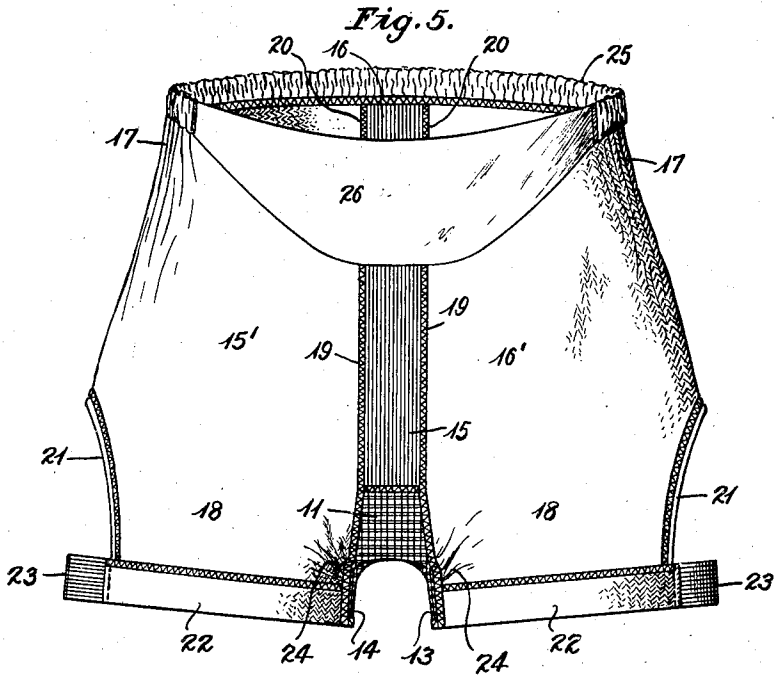
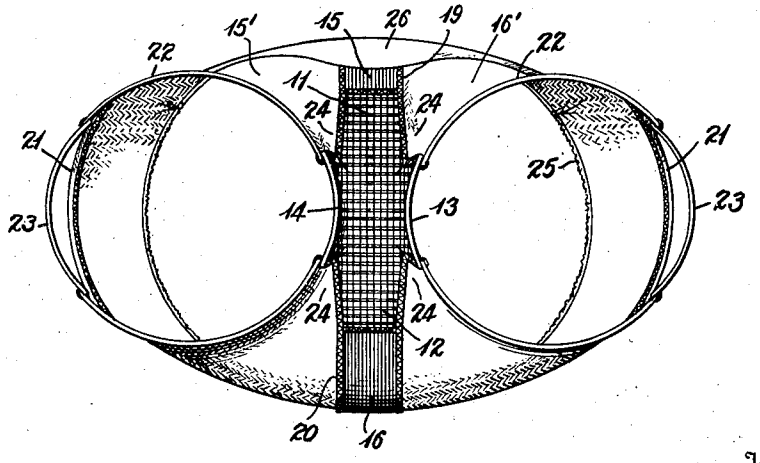


Fig. 6.



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2,008,118

GARMENT

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Application October 29, 1932, Serial No. 640,320

3 Claims. (Cl. 2—226)

This invention relates to new and useful improvements in garments.

The primary object of this invention is to provide a form fitting garment which includes in combination with certain body parts novel insert members which may be formed of elastic or non-elastic material.

A further object of the invention is to provide novel inserts for garments with a portion of the inserts constituting the crotch of the garment. A still further object of the invention is to provide a garment which will permit the necessary freedom of movement of the body in bending, stooping and the like.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Fig. 1 is a plan view of a garment insert which includes a crotch portion and front and back extensions;

Fig. 2 is an edge view of the insert structure disclosed in Fig. 1;

Figs. 3 and 4 are plan views of modified forms of inserts which are designed to constitute the crotch portions of garments;

Fig. 5 is a front elevational view of a garment embodying this invention; and

Fig. 6 is a bottom view of the garment shown in Fig. 5.

In the drawings, wherein for the purpose of illustration is shown the preferred embodiments of this invention, the numeral 10 in Figs. 1 and 2 designates a crotch insert portion of a garment which, it will be seen, takes the form of a cross. This crotch portion has the four branches 11, 12, 13 and 14. The branches 11 and 12 are arranged in opposition to each other and have slightly outwardly converging side edges. The right angularly arranged and oppositely positioned branches 13 and 14 differ in shape from the branches 11 and 12 and are provided with outwardly diverging edges. This crotch insert may be made of any suitable material, either non-elastic, one-way elastic, or two-way elastic. In the preferred form of the invention, the crotch insert is intended to be formed of two-way elastic material, that is, material which will permit all portions of the insert to stretch in two different directions.

When the insert is built into a garment structure, the branches 11 and 12 are intended to constitute the front and back portions of the same. In Figs. 1 and 2, the branch 11 is illustrated as having suitably stitched to the extremity of the same an extension 15. The branch 12 is illustrated as having suitably stitched to the extremity of the same an extension 16. These extensions may be formed of any suitable material, but in the preferred embodiment of the invention they are to be constructed of one-way elastic material; that is, they will stretch longitudinally.

In Figs. 3 and 4, two modified forms of crotch inserts are illustrated. In Fig. 3 the various branches 11^a, 12^a, 13^a and 14^a have parallel side edges. In the modification shown in Fig. 4, the branches 11^b and 12^b are provided with outwardly diverging edges. The branches 13^b and 14^b are provided with outwardly converging side edges. These various forms of crotch inserts are intended to indicate that the essential formation of this particular insert is that of a cross and any design of cross may be employed.

In Figs. 5 and 6 one of the form fitting garments is illustrated. This garment has built therein the combination insert structure illustrated in detail in Figs. 1 and 2. The garment includes the pair of body sections 15' and 16'. These body sections are intended to form the major portion of the garment. They are of the same general shape and a detail description of one of the same is believed to be all that is necessary. The section 15' includes the waist portion 17 and the leg portion 18. The opposite inner edges 19 and 20 are straight and are intended to approach the front and back central portions of the garment. The leg portion 18 is cut away at its outer side 21 while the extremity of the same is formed with a hem 22. The hem is interrupted at the cut away portion 21 and is provided with a relatively narrow elastic insert 23. The leg portions further are provided with corner parts 24 which approach the crotch of the garment when the two body parts are assembled.

The complete insert disclosed in Figs. 1 and 2 is combined with the two body parts 15' and 16' to form the garment. The crotch forming portions 24 of the body parts 15' and 16' are suitably stitched to the side edges of the branches 13 and 14 and these branches of the crotch insert form the leg completing portions of the garment. The branch 11 of the crotch insert is suitably stitched to the portions of the edges 19 of the body parts 15' and 16' which are a part of the leg portions 18. The front exten-

sion 15 is suitably stitched to the remaining portions of the edges 19 of the body sections. The back branch 12 is stitched at its side edges to the rear crotch forming portions 24 of the body sections. The extension 16 is stitched to the parallel edges 20 of the rear portions of the body sections. To complete the garment, a waist band is attached to the upper edges of the body sections and the extremities of the insert extensions 15 and 16. This waist band includes an elastic portion 25 comprising a false hem enclosing an elastic band, or the like, which extends around the sides and back of the garment and a non-elastic front portion or yoke 26.

It will be seen that the crotch insert 10 is extremely form fitting in nature and has its side branches 13 and 14 built into the leg portions of the garment. If these branches are formed of elastic material, they will cause the leg portions of the garment to snugly fit the insides of the legs of the user. The elastic inserts 23 positioned in the cut-away portions 21 at the outer sides of the garment function to give variation in leg size and hold the side branches of the crotch insert in proper position against the legs of the user. The front and rear branches 11 and 12 of the crotch insert, if the latter is formed of elastic material, when combined with the front and rear extensions 15 and 16, will enable the garment to neatly and snugly fit the user and permit necessary play and freedom of movement of the body.

It is to be understood that the crotch inserts disclosed in Figs. 1, 3 and 4 may be sold as separate articles of manufacture to be built into any form of garment which includes leg portions. These crotch inserts may be made of any suitable material and may or may not be combined with the extensions 15 and 16, depending upon the desires of the manufacturer. The garment shown in Figs. 5 and 6 is merely intended to illustrate the manner in which the inserts are combined with the body portions and is not intended to limit the use of the inserts to any particular form of garment.

It is to be understood that the forms of this invention herewith shown and described are to be taken as preferred examples of the same, and any changes in shape, size, and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described the invention, I claim:—

1. A form fitting garment comprising a pair of body sections, each of which includes a waist band and a short leg portion, each of said leg portions being partially cut away through the end thereof, a completely two-way elastic insert made in the form of a cross and connected to the body sections to form the crotch of the garment, two of the branches of said insert being positioned to constitute complete inside sections of the legs, elastic means positioned in each cut away portion to snugly hold said branches against the legs of the wearer, the remaining branches of the insert being positioned to extend up the front and back of the garment, and completely one-way elastic inserts connected to the ends of the last mentioned branches and to the body sections to form the front and rear mid sections of the garment.

2. A garment as set forth in claim 1 characterized by a waist band connected to the upper ends of the last mentioned inserts and the upper edges of the body sections and including an elastic false hem at the back and sides and a non-elastic yoke at the front.

3. In a form fitting garment of the type described, a pair of complemental body sections including waist portions and leg portions, said leg portions being cut away at their outer sides and through the ends thereof, elastic inserts connecting the edges of said cut away portions at the ends of the legs, and an elastic insert connected to and interposed between the adjacent edges of said body sections to form the crotch portion, complete sections of the leg portions, and the front and rear central portions of the waist of the garment, said elastic insert including a central portion of two-way elastic material and the remaining portions of one-way elastic material.

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