

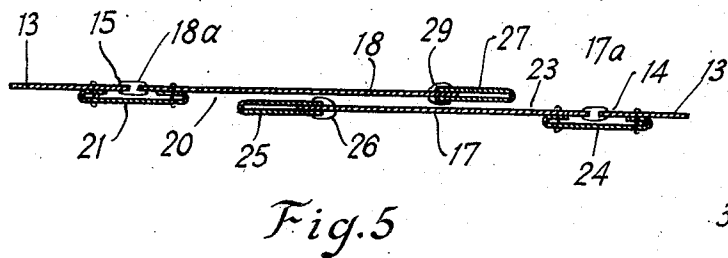
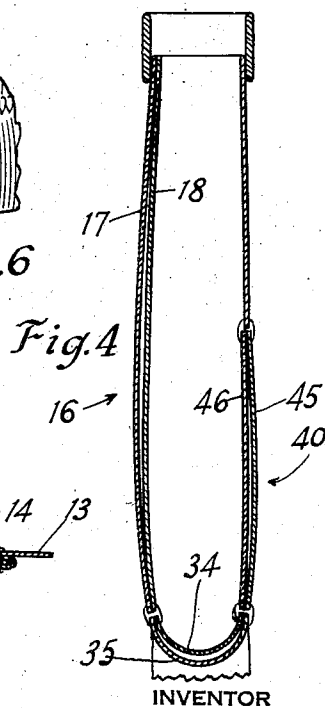
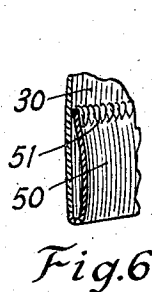
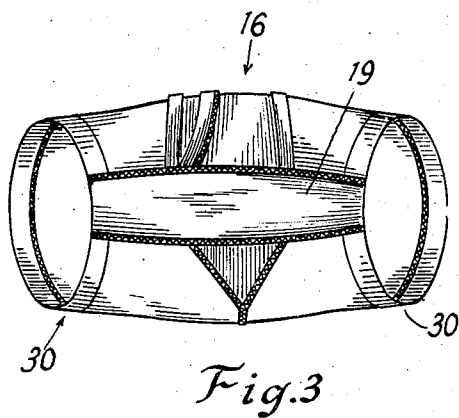
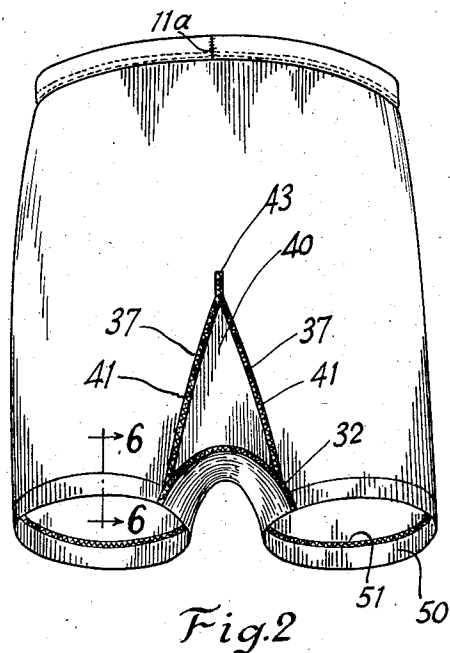
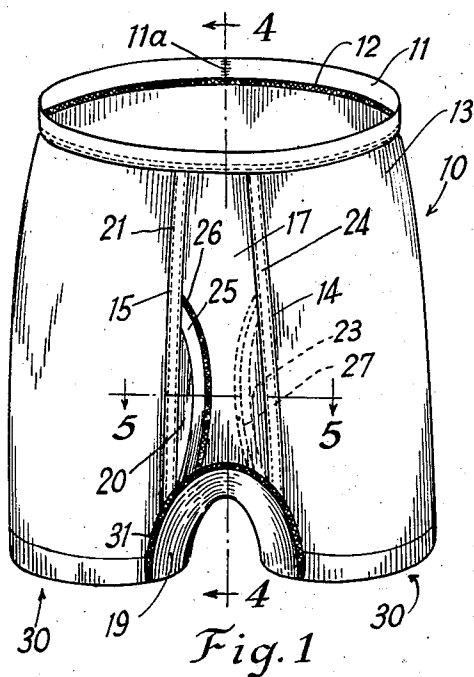
Nov. 1, 1949.

J. A. SCHOENDORF

2,486,499

UNDERWEAR

Filed April 19, 1945



INVENTOR
Joseph A. Schoendorf
BY
J. B. Feelskin
ATTORNEY

UNITED STATES PATENT OFFICE

2,486,499

UNDERWEAR

Joseph A. Schoendorf, Norwich, N. Y., assignor to
Norwich Knitting Company, Norwich, N. Y., a
corporation

Application April 19, 1945, Serial No. 589,177

5 Claims. (Cl. 2—224)

1

This invention relates to underwear. It is particularly directed to men's shorts or briefs.

An object of this invention is to provide a garment of the character described provided at the front with a fly portion of double thickness extending from the waist to the crotch, and reinforced at the sides thereof and comprising front and rear superimposed sheets, the front sheet forming an opening with the reinforcement on one side, and the rear sheet forming an opening with the reinforcement on the opposite side of said fly portion.

Another object of this invention is to provide a garment of the character described having a crotch piece of double thickness extending from the bottom of one leg to the bottom of the other leg, with the ribbing extending up and down at the front of the garment, but running from side to side at the crotch so as to give extra stretch in the crotch.

Yet another object of this invention is to provide in a garment of the character described, a gusset at the back of the garment adjacent the crotch piece, said gusset being of double fabric to give more seat room, thereby making the garment more serviceable because of wear at the region of the gusset.

Yet another object of this invention is to provide a strong and durable garment of the character described which shall be relatively inexpensive to manufacture, comfortable to wear, attractive in appearance, and yet practical and efficient to a high degree in use.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, combinations of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

In the accompanying drawing, in which is shown various possible illustrative embodiments of this invention,

Fig. 1 is a front perspective view of the garment embodying the invention;

Fig. 2 is a rear perspective view thereof;

Fig. 3 is a bottom view thereof;

Fig. 4 is a cross-sectional view taken on line 4—4 of Fig. 1;

Fig. 5 is a partial, enlarged, cross-sectional view taken on line 5—5 of Fig. 1; and

Fig. 6 is a cross-sectional view taken on line 6—6 of Fig. 2.

Referring now in detail to the drawing,

2

designates a garment embodying the invention, here shown in the form of a brief or short. The garment comprises a top waist band 11, a body portion 13, a fly portion 16, a crotch portion 19, and a back gusset 40. The band 11 is preferably made of longitudinally elastic material. Said band 11 may be made from one length, with the meeting ends stitched at the back as at 11a. Stitched to the lower edge of the band 11 as at 12 is the body portion 13 which extends from one side of the fly portion all around the body of the wearer to the other side of the fly portion. The body portion 13 is preferably made of woven or knitted material with the ribbing running up and down so that the cloth will give in the width. Said body 13 has an edge 14 on one side of the fly 13 and an edge 15 on the opposite side of the fly. The edges 14 and 15 are on opposite sides of the middle of the garment. These edges converge upwardly.

Interconnecting the edges 14 and 15 is the fly portion 16 which is of double thickness, and consists of a front piece of cloth 17 and a rear or inside piece of cloth 18. The front piece of cloth 17 has a cutaway adjacent the edge 15 extending from the crotch 19 about halfway up, thereby forming an opening 20. At the edge 15 is a reinforcing strip 21 which connects sheet 18 and a portion of sheet 17 to the body 13. The inside sheet 18 is formed with a cutaway extending from the crotch about halfway up thereby forming an opening 23 with the edge 14. Interconnecting all of sheet 17 and part of sheet 13 with edge 14 is a reinforcing strip 24. The reinforcing strips 21 and 24 converge upwardly, as shown in Fig. 1 of the drawing. They may be made of knitted textile cloth, the same as the body with the ribs running up and down. At opening 20, sheet 17 is provided with a curved reinforcing tape 25 stitched thereto as at 26. The reinforcing tape 25 is doubled as shown in Fig. 5. At the opening 23 there is stitched to the inner sheet 18 a reinforcing tape 27. The tape 27 is also doubled as shown in Fig. 5. The tape 27 is stitched to sheet 18 by stitching 29.

It will be noted that sheet 18 and the upper edge of sheet 17 are stitched to the edge 15 of body 13 by stitching 18a, whereas sheet 17 and the upper edge of sheet 13 are stitched to the edge 14 of body 13 by stitching 17a. It will now be understood that overlapping sheets 17 and 18 and openings 20, 23 produces a fly front for the garment.

The body 13 has pant leg portions 30. The crotch 19 extends from the bottom of one pant

leg to the bottom of the other pant leg. Each pant leg portion 30 has a front and rear edge stitched to the front and rear edges of the crotch piece 19 as by stitching 31 and 32, respectively. The crotch piece 19 is likewise of double thickness being formed of an inner sheet 34 and an outer sheet 35. At the front of the crotch pieces is the stitching 31 which extends from the bottom of one pant leg to the bottom of the other pant leg at the front. At the rear of the crotch piece 19 is the stitching 32 which extends from the bottom of one pant leg to the bottom of the other pant leg. The ribbing of the sheets 34, 35 extends from one pant leg to the other, or side to side, so that the crotch piece will give in a direction from front to rear thereby making the garment more comfortable. The crotch piece being of double fabric, provides for durability.

The body portion 13 is split upwardly at the rear to form split edges 37 which are spaced apart, and the gusset 40 is interposed between the edges 37. The gusset 40 is generally of triangular shape and is stitched to edge 37 of the body by lines of stitching 41 which extend from line of stitching 32 upwardly to a point where they are joined at an apex 43. Thus the bottom or base of the gusset is stitched to the crotch piece 19 by line of stitching 32. The gusset is likewise of double thickness comprising an outer sheet 45 and an inner sheet 46. Sheets 45, 46 are superimposed as shown in Fig. 2 of the drawing.

At the lower end of the pant legs 30, the material is hemmed upwardly as shown in Fig. 6 of the drawing. The folded up or hemmed portion 50 is stitched in each pant leg 30 as by lines of stitching 51 which extends from the line of stitching 31 around to the line of stitching 32.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A pair of shorts provided with a front fly portion, a crotch portion, and a rear gusset, the base of the gusset being attached to the rear edge of the crotch portion, the front fly portion extending from the crotch to the waist line, said front fly portion comprising superimposed front and rear sheets, the front sheet having an opening at one side, and the rear sheet having an opening at the opposite side, said front and rear sheets being attached together between the upper end of the openings and the waist line, said crotch portion being of double thickness, and of material which gives in a direction from front to rear, said gusset being of double thickness, and of material which gives from side to side, and a reinforcing tape at the opposite side edges of said front fly portion, said tapes converging upwardly, said crotch portion extending from the bottom of one pant leg portion of the shorts around to the bottom of the other pant leg portion of the shorts.

2. A pair of shorts comprising a front fly portion, a crotch piece, and a body connected at the front to opposite sides of the front fly por-

tion, and to the front and rear edges of the crotch piece, and adapted to extend around the body of the wearer, and having pant leg portions and extending to the waist line, said crotch piece extending from the bottom of one pant leg portion around to the bottom of the other pant leg portion, and a substantially triangular gusset having a base stitched to the rear edge of the crotch piece and the sides of which are stitched to said body portion, said front fly portion comprising superimposed front and rear sheets, extending from the front edge of the crotch piece to the waist line, the front sheet being formed with an opening at one edge, and the rear sheet having an opening at an opposite edge, said front fly portion being wider at its lower end than at its upper end, and reinforcing tapes at the side edges of said front and rear sheets, the body portion being made of textile material having ribbing disposed in an up and down direction, and the crotch piece being formed of textile material having ribbing extending from side to side.

3. A pair of shorts comprising a front fly portion, a crotch piece, and a body connected at the front to opposite sides of the front fly portion, and to the front and rear edges of the crotch piece, and adapted to extend around the body of the wearer, and having pant leg portions and extending to the waist line, said crotch piece extending from the bottom of one pant leg portion around to the bottom of the other pant leg portion, and a substantially triangular gusset having a base stitched to the rear edge of the crotch piece and the sides of which are stitched to said body portion, said front fly portion comprising superimposed front and rear sheets, extending from the front edge of the crotch piece to the waist line, the front sheet being formed with an opening at one edge, and the rear sheet having an opening at an opposite edge, said front fly portion being wider at its lower end than at its upper end, and reinforcing tapes at the side edges of said front and rear sheets, the body portion being made of textile material having ribbing disposed in an up and down direction, and the crotch piece being formed of textile material having ribbing extending from side to side, said crotch piece being made of double thickness.

4. A pair of shorts comprising a front fly portion, a crotch piece, and a body connected at the front to opposite sides of the front fly portion, and to the front and rear edges of the crotch piece, and adapted to extend around the body of the wearer, and having pant leg portions and extending to the waist line, said crotch piece extending from the bottom of one pant leg portion around to the bottom of the other pant leg portion, and a substantially triangular gusset having a base stitched to the rear edge of the crotch piece and the sides of which are stitched to said body portion, said front fly portion comprising superimposed front and rear sheets, extending from the front edge of the crotch piece to the waist line, the front sheet being formed with an opening at one edge, and the rear sheet having an opening at an opposite edge, said front fly portion being wider at its lower end than at its upper end, and reinforcing tapes at the side edges of said front and rear sheets, the body portion being made of textile material having ribbing disposed in an up and down direction, and the crotch piece being formed of textile material having ribbing extending from side to side, said crotch piece being made of

5

double thickness, said gusset being made of double thickness and of cloth having ribbing extending up and down.

5. A pair of shorts comprising a front fly portion, a crotch piece, and a one piece body connected at the front to opposite sides of the front fly portion, and to the front and rear edges of the crotch piece, and adapted to extend around the body of the wearer, and having pant leg portions and extending to the waist line, said crotch piece extending from the bottom of one pant leg portion around to the bottom of the other pant leg portion, and a substantially triangular gusset having a base stitched to the rear edge of the crotch piece and the sides of which are stitched to said body portion, said front fly portion comprising superimposed front and rear sheets, extending from the front edge of the crotch piece to the waist line, the front sheet being formed with an opening at one edge and adjacent said crotch piece, and the rear sheet having an opening at an opposite edge and adjacent said crotch piece, said superimposed sheets being attached together above said

6

openings, said front fly portion being wider at its lower end than at its upper end, and reinforcing tapes at the side edges of said front and rear sheets, the body portion being made of textile material having ribbing disposed in an up and down direction, and the crotch piece being formed of textile material having ribbing extending from side to side, said crotch piece being made of double thickness, said gusset being made of double thickness and of cloth having ribbing extending up and down, the lower ends of the pant leg portions of the body being hemmed upwardly.

JOSEPH A. SCHOENDORF.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,616,688	Gershewow	Feb. 8, 1927
2,183,431	Powell	Dec. 12, 1939
2,255,931	Kloster	Sept. 16, 1941
2,336,248	Harwood	Dec. 7, 1943