Feb. 10, 1953 P. B. SCHOR 2,627,604

CHILD'S GARMENT

Filed Oct. 10, 1950 2 SHEETS—SHEET 1

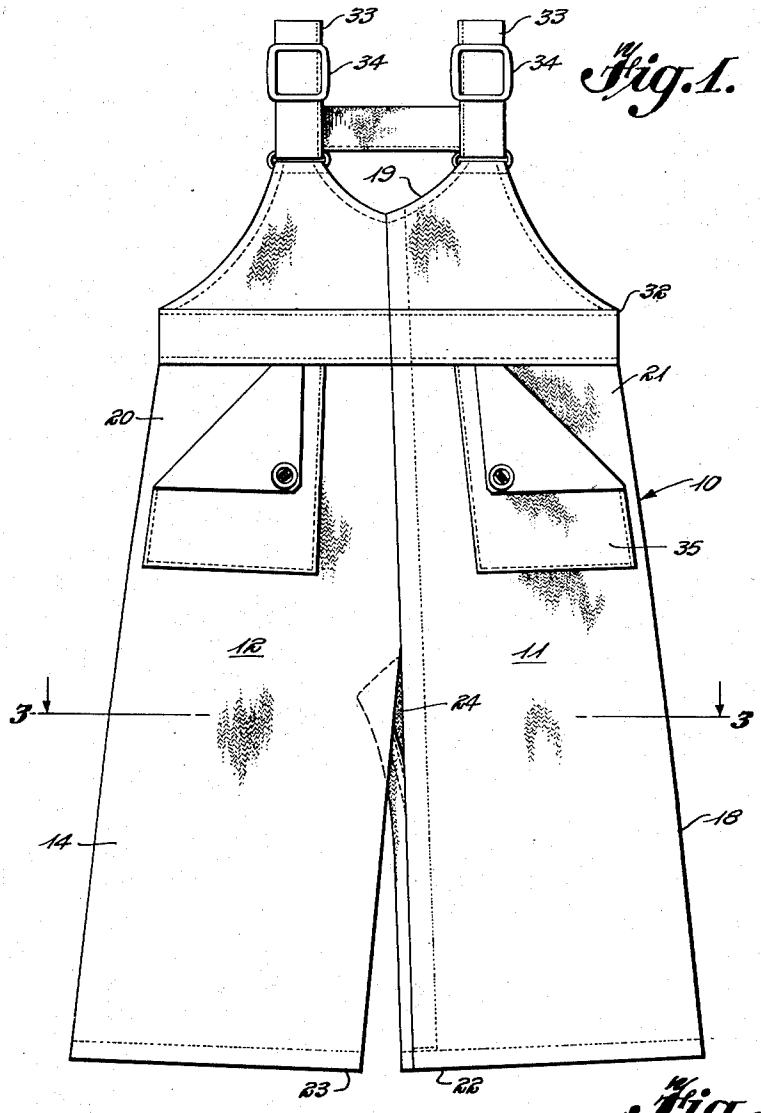


Fig. 1.

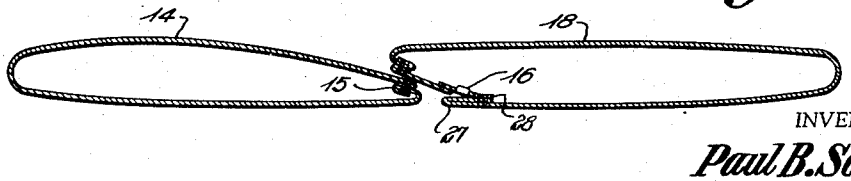


Fig. 3.

INVENTOR

Paul B. Schor

BY Jewett, Mead & Browne

ATTORNEYS

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Fig. 3.

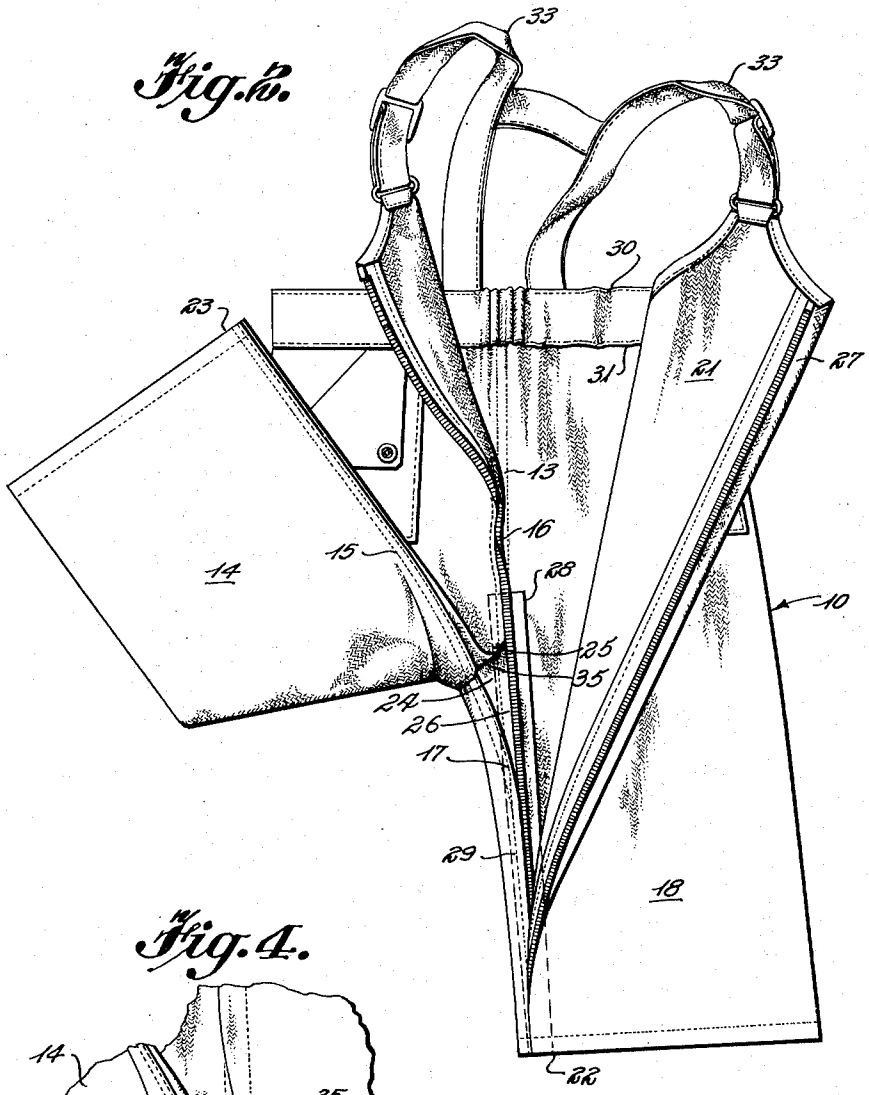
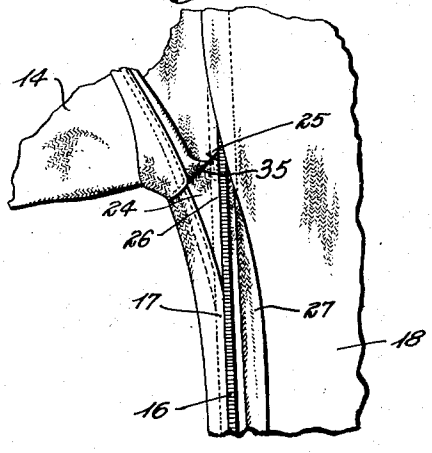


Fig. 4.



INVENTOR

Paul B. Schor

BY Jewett, Meader & Browne

ATTORNEYS

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CHILD'S GARMENT

Paul B. Schor, Sunbury, Pa.

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7 Claims. (Cl. 2—79)

1

The present invention relates to new and useful improvements in an article of wearing apparel, and more particularly to improvements in the construction of a child's garment of the overall type.

Heretofore, in constructing garments of the character described, it has been the practice, when incorporating a zipper or closure extending full length, to form the body portion of the garment, including the bifurcated lower section, of pieces including a back and two sides, each the counterpart of the other. The full length zipper or closure is sewed along the center seam of the front of the upper portion to the crotch, and along the inside seam of one leg. The principal difficulty that has been experienced with respect to the appearance of the finished article, particularly of the closure seam, is that by virtue of the deviation of the line of the zipper or closure to account for the shape of the garment, unevenness, rumpling and an unpleasant lack of tailored smoothness results to mar the effectiveness of otherwise acceptable manufacture.

The present invention overcomes these difficulties by the utilization of distinctive constructional features.

A general object of my invention is the provision, in a garment of this character, of a concealed zipper closure extending entirely down the front of the overall from the neckband to a leg cuff in a substantially straight line when the garment is pressed and offered for sale.

Another object is to provide an improved crotch construction for garments having a bifurcated lower portion to facilitate the incorporation of a zipper closure extending down the length of a depending leg.

A further object is to provide, in a garment of the character described having a zipper closure extending the entire length thereof, means whereby chafing of the skin of the wearer is prevented.

A still further object is to provide means whereby the entire closure seam is concealed from view which, when combined with the additional constructional features, imparts a smooth smart and pleasing appearance to the garment.

Further objects will appear from the following description, when read in connection with the accompanying drawings showing illustrative embodiments of the invention and wherein:

Fig. 1 is a front view of an overall constructed in accordance with the invention;

Fig. 2 is a front view of the garment showing

2

the inner part of one leg turned over upon itself and the front sections folded back;

Fig. 3 is an enlarged sectional view taken along line 3—3 of Fig. 1; and

Fig. 4 is an enlarged view of the crotch portion of the garment.

As will be obvious from viewing Figs. 1 and 2, the garment 10 includes two pieces of fabric 11 and 12 each of which forms substantially half of the body-covering portion of the garment and one leg of the garment. Thus the fabric pieces 11 and 12 are sewed together in the back along seam 13, this seam extending down along the back of the garment to the crotch of the garment. Fabric piece 12 has leg 14 formed by means of a seam 15. The zipper closure 16 extends along the corresponding inside leg seam 17 of leg 18 and continues above the crotch to the neckband 19 joining together the panels 20, 21, of the front and providing a separable split leg. In the illustrated embodiment, the cuffs of both depending legs are fastened permanently at 22, 23, however, it is clear cuff 22 could be made separable by utilization of appropriate means at the end of zipper 16.

As will be evident from viewing Figs. 1, 2 and 4, the legs 14 and 18 extend from the body covering portion of the garment, which of course includes the front panels 20 and 21. These legs 14 and 18 also extend from a common seam 35 located between the legs at the crotch. Thus, in Figs. 2 and 4, the common seam line 35 is shown as extending from the zipper 16 at the juncture 25 between the front panels 20 and 21. Furthermore, the common seam 35 extends along one side of a triangular gusset 24 which is located at the crotch and forms a portion of leg 18. The base 26 of the triangular gusset 24 is so positioned that the zipper 16 will extend in an undeviating straight closure line the entire length of the garment. Thus, the zipper 16 is sewed so as to join the edges of front panels 20 and 21, is sewed along the base 26 on triangular gusset 24, and is sewed along the inside seam of leg 18 as is shown most fully in Fig. 2.

By virtue of the above described construction, the zipper 16 extends along the front of the garment adjacent the crotch but to one side of it. The common seam line 35 between the legs 14 and 18 which extends along one side of the gusset 24, and from juncture 25 as is shown in Fig. 4, thus extends transversely from the zipper 16 and at a downwardly extending angle therefrom. When the garment is laid flat on its back, this seam line lies substantially horizontally and in

the plane of the garment. Furthermore, it extends from the zipper 16 side ways, at an angle to a vertical plane which includes the substantially straight line along which the zipper extends, so that, at the crotch, one portion of leg 14 can lie over a corresponding portion of leg 18. This prevents rumpling at the crotch.

When a garment is in folded display condition any puckering or rumpling caused by uneven seams or folds of fabric is instantly noticeable. By incorporating this gusset in the manner described, whereby the closure line along which the zipper extends is substantially straight, the overall of this invention when in this folded display condition has a smooth tailored appearance. This feature is commercially desirable and contributes substantially to the marketability of the article. The wearing qualities of the garment are improved because the overall will fit better, hang correctly and evenly and, due to the reinforcing action performed by the gusset, will have substantial resistance to tearing.

An outer flap 27 is provided to conceal the zipper from view and to further improve the appearance of the garment. As illustrated in Fig. 1, the flap 27 is a fold of left panel 21 of the overall 10, although, as will be readily understood, it could be made from a separate piece of material fastened either to the left or right panel as desired. The flap in the embodiment shown extends the entire length of the zipper closure from the cuff 22 to the neckband 19.

An inner flap 28 is utilized for shielding the zipper thereby preventing undesirable contact between the metallic unit and the skin of the wearer. This prevents irritation which could be caused by rubbing and insures that the skin or undergarments will not be caught in the zipper as it is operated. As shown in Fig. 2, the flap 28 is sewed adjacent to and underneath the zipper from a point above the crotch to the cuff. Obviously the flap could be made so as to protect for the full length of the zipper or any part thereof as desired, however, the preferred illustrated embodiment is satisfactory for normal use. As shown in Fig. 2, the flap comprises an independent piece of fabric sewn to the body of the garment along the seam common to the zipper border 29.

An elastic strap 30 is sewed in pocket 31 (Fig. 2) extending transversely of the main body portion of the garment at the waist line 32 thereof, whereby the fit of the garment is improved, making the garment more comfortable when worn and, in addition, contributing to the appearance thereof. The elastic strap also acts to facilitate opening of the zipper closure by exerting a force tending to separate the front panels 20, 21. Such a feature is desirable in that the garment is particularly designed for children's wear, and means aiding manipulation of the closure contribute to the salability and marketability of the article.

Shoulder straps 33 are provided, fastened to the panels 20, 21, in the front and adjacent to but spaced from the center seam 13 of the back. The straps may have means, shown in the preferred embodiment as buckles 34, for permitting adjustment of the length of the strap to permit fitting to persons of different heights.

Additional features, such as pocket 35, or devices of a similar nature, may be incorporated in the finished article. The overall could be made sleeved instead of sleeveless, or the preferred embodiment varied in form by the inclusion of elements not shown or described without departing from the spirit of the invention as defined in the appended claims.

I claim:

1. An overall type garment comprising a body-covering portion, a pair of separated leg-covering portions extending from said body-covering portion and also extending from a common seam located at the crotch of the garment, and a zipper located at the front of the garment and extending, adjacent the crotch, in a substantially straight line from above the crotch to below the crotch, said common seam lying, when the garment is laid out flat on its back, in a substantially horizontal plane with said zipper, and extending at an angle to a vertical plane which includes the substantially straight line along which said zipper extends whereby a part of one leg-covering portion overlies a corresponding part of the other leg covering portion at the crotch to avoid rumpling.

2. A garment according to claim 1, which includes an inner flap located beneath said zipper, attached adjacent thereto, and extending from above the crotch to below the crotch to protect the skin of the wearer from being chafed by the zipper.

3. An overall type garment comprising a body-covering portion, a pair of separated leg-covering portions extending from said body-covering portion, said leg-covering portions having a common seam therebetween located at the crotch of the garment, a triangular gusset also located at the crotch of the garment, one edge of said gusset being connected along said common seam, and a zipper located at the front of the garment and extending, adjacent the crotch, in a substantially straight line from above the crotch to below the crotch and along the base of said triangular gusset, said common seam lying, when the garment is laid out flat on its back, in a substantially horizontal plane with said zipper and to one side of it, and extending at an angle to a vertical plane which includes the substantially straight line along which said zipper extends whereby a part of one leg-covering portion overlies a corresponding part of the other leg-covering portion at the crotch to avoid rumpling.

4. An overall type garment comprising a body-covering portion having two separable front panel members, a pair of separated leg-covering portions extending from said body-covering portion in continuation of said front panel members, said leg-covering portions also extending from a common seam located at the crotch of the garment, said common seam extending from a juncture point for said panel members located at the front of the garment, and a zipper located at the front of the garment and extending in a substantially straight line the entire length of the garment from the top of said panel members, past and adjacent the crotch, to the bottom of one of said leg-covering portions, said common seam lying, when the garment is laid out flat on its back, in a substantially horizontal plane with said panel juncture, and extending at an angle to a vertical plane which includes the substantially straight line along which said zipper extends whereby a part of one leg-covering portion overlies a part of the other leg-covering portion at the crotch to avoid rumpling.

5. A garment according to claim 4, having a triangular gusset located at the crotch, one edge of said gusset being sewed along the common seam line between the leg-covering portions, and

the zipper extending along the base of the gusset.

6. A garment according to claim 4, which includes a cover flap for said zipper, said flap covering said zipper throughout its entire length and presenting, together with the unrumpled crotch, a smoothly tailored appearance.

7. An overall type garment comprising a body portion, a pair of separated leg-covering portions extending from said body-covering portion and also extending from a common seam located at the crotch of the garment, and garment-fastening means located at the front of the garment and extending, adjacent the crotch, in a substantially straight line from above the crotch to below the crotch, said common seam lying, when the garment is laid out flat on its back, in a substantially horizontal plane with said fastening means, and at an angle to a vertical plane which includes the substantially straight line

made by said fastening means whereby a part of one leg-covering portion overlies a part of the other leg-covering portion at the crotch to avoid rumpling.

PAUL B. SCHOR.

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