Oct. 28, 1952 A. W. STEEDMAN 2,615,165

SNOWSUIT WITH BOOTS

Filed Sept. 22, 1951

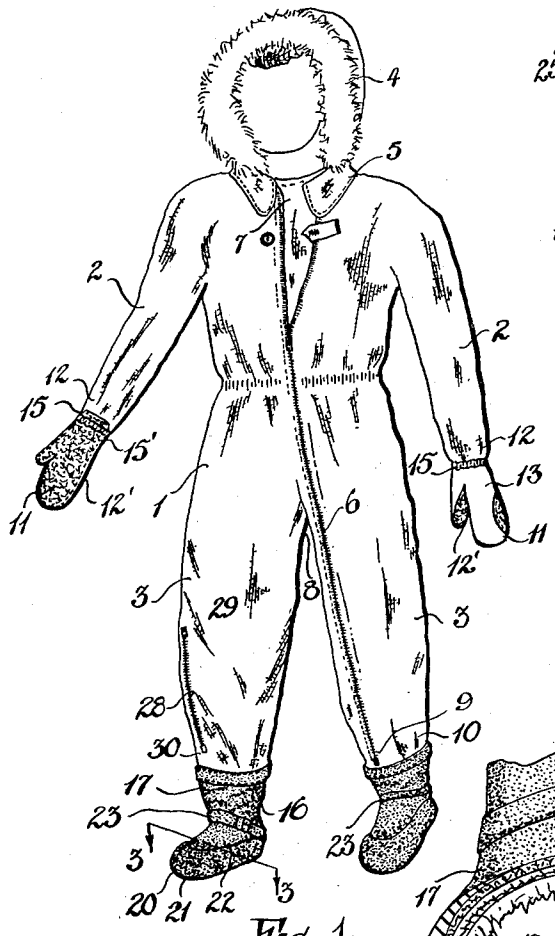


Fig. 1

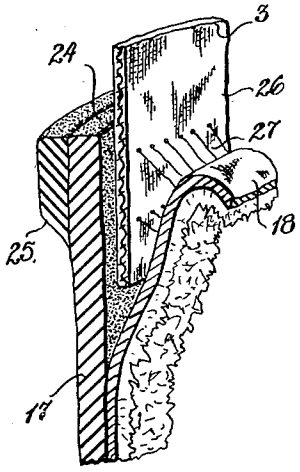


Fig. 2

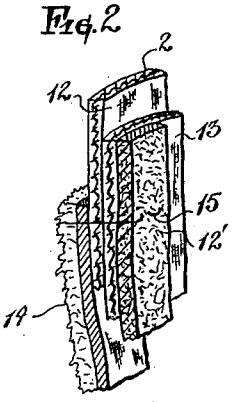


Fig. 4

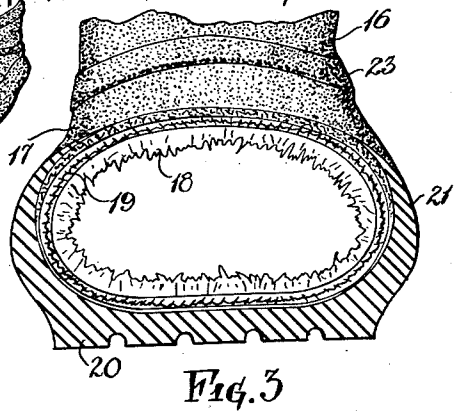


Fig. 3

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SNOWSUIT WITH BOOTS

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2 Claims. (Cl. 2—80)

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My invention relates to new and useful improvements in one-piece garments conventionally known as snowsuits, for children, an object of my invention being to provide a device of the character herewithin described which is a one-piece garment, the extremities of which are impervious to the penetration of the elements.

Another object of my invention is to provide a device of the character herewithin described which provides means whereby said garment is readily removed and replaced from the wearer.

A further object of my invention is to provide a device of the character herewithin described which includes warm, waterproof footwear, sealably attached to the leg portions of the garment, said footwear incorporating heavy-duty soles and an insulated lining.

Yet another object of my invention is to provide a device of the character herewithin described which includes mitts which are permanently and sealably secured to the extremities of the arm portions thereof.

A still further object of my invention is to provide a device of the character herewithin described which includes means whereby the interior of the footwear may be exposed to the atmosphere for drying purposes if required.

A still further object of my invention is to provide a device of the character herewithin described which, because it is a one-piece garment, permits ready circulation within the interior thereof as the conventional restriction at the ankle portions of snowsuits are completely eliminated.

Still another object of my invention is to provide a device of the character herewithin described which is economical in manufacture, simple in construction, and otherwise, well suited for the purpose for which it is designed.

With the foregoing objects in view, and such other objects and advantages as will become apparent to those skilled in the art to which this invention relates as this specification proceeds, my invention consists essentially in the arrangement and construction of parts all as hereinafter more particularly described, reference being had to the accompanying drawings in which:

Figure 1 is a perspective view of a figure with my garment thereon.

Figure 2 is a perspective enlarged fragmentary section of the attachment of the footwear to the lower leg portion.

Figure 3 is an enlarged section through one of the boots substantially along the line 3—3 of Figure 1.

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Figure 4 is an enlarged perspective fragmentary section of the attachment of one of the mitts to the lower end of one of the sleeve portions.

In the drawings like characters of reference indicate corresponding parts in the different figures.

Conventional winter protection garments for children normally include a snowsuit or coverall, the arm and leg portions of which normally terminate in a knitted constricted area which is relied upon for sealing purposes and for the exclusion of the elements. With this type of garment, separate mitts and boots are worn but, nevertheless, particularly when playing in powdered snow or the like, the aforementioned constricted areas do not prevent the ingress of snow or water at the junction of the snowsuit with the mitts and boots.

Furthermore, such mitts and boots are easily withdrawn from the wearer particularly when playing in deep snow with the consequent exposure of the extremities of the wearer to the element as well as the possible loss of the boot or mitt so displaced.

Proceeding, therefore, to describe my invention in detail which overcomes these disadvantages, it will be seen upon reference to the accompanying drawings that I have illustrated a garment which includes a body portion 1, sleeve portions 2 extending therefrom in the conventional manner, and leg portions 3 also extending from the lower end of the body portion. The body portion, sleeve and leg portions may be insulated with any conventional method of insulation and a hooded portion 4 may, if desired, be secured adjacent the neck 5 of the body portion in the conventional manner.

A sliding closure 6 extends from the front area 7 of the neck 5 downwardly to adjacent the crotch 8 of the body portion and continues downwardly to a point 9 which is adjacent the angle area 10 of one of the leg portions 3 thus making for ease of removal and replacement of the garment upon the wearer.

Mitts 11 are secured to the extremities 12 of the sleeve portion 2, said mitts being faced with a rubberized or other waterproof flexible material indicated by the reference character 12. Figure 4 of the accompanying drawings shows in detail the method of attachment of the mitts to the sleeve 2 and it will be seen that the mitts comprise an outer casing 13 preferably manufactured from a waterproof fabric, an inner insulating lining 14 of sheep's wool or the like together with the aforementioned leather facing 12'. The

extremity 12 of the sleeve 2 is inserted between the material 13 and the lining 14 and adhesively secured thereto by means of a waterproof adhesive (not illustrated). This attachment is then further strengthened by two circumferentially disposed rows of stitching 15 which passes through the material 13, the sleeve 12 and the lining 14 and, of course, through the leather 15 over the face of the mitt.

If desired, an elastic insert 15' may be provided across the wrist of the mitt to maintain the mitt in position upon the hand of the wearer.

Turning now to a description of the footwear, this is designated generally by the reference character 16. The boot comprises an outer, waterproof wall or covering 17 having an inner insulating lining of sheep's wool or the like adhesively secured to the inside of the outer wall by means of the fabric backing 19 or some similar means. A reinforcing sole portion 20 of heavy rubber or the like is next vulcanized or, otherwise secured to the sole of the outer wall, the sides, front and back of the sole extending upwardly over the outer wall portion as indicated at 21 to adjacent the welt area 22 of the boot. Adjustable buckle straps 23 are also provided around the instep to assist in the accurate fitting of the boot to the foot of the wearer.

Adjacent the upper perimeter 24 of the outer wall is a circumferentially disposed reinforcing strip 25 which is vulcanized or otherwise adhesively secured to the upper portion of the boot and upon the outer surface thereof. The attachment of the boot to the lower extremities of the legs 3 is similar to the aforementioned attachment of the mitt to the sleeves 2. The lower ends 26 of the leg portions 3 are inserted between the inner insulating lining 18 and the outer wall 17 and adhesively secured thereto whereupon a double row of stitching 27 extends through the lining, the leg portion, the outer wall portion the reinforcing strip thus effectively sealing the joint and securing the boot to the leg portion.

In conclusion, it will be seen upon reference to Figure 1 of the accompanying drawings that I have included a further, relatively short vertically disposed sliding closure 28 upon the opposite leg to that containing the extension of the sliding closure 6. This sliding closure 28 extends from adjacent the knee 29 to adjacent the ankle 30 of this leg and is situated preferably upon the outer

side thereof and is provided to facilitate the drying of the interior of the boot attached to that particular leg in the event that the interior becomes moist due to perspiration or other causes.

Since various modifications can be made in my invention as hereinabove described, and many apparently widely different embodiments of same made within the spirit and scope of the claims without departing from such spirit and scope, it is intended that all matter contained in the accompanying specification shall be interpreted as illustrative only and not in a limiting sense.

What I claim as my invention is:

1. A snow or rain protection garment for children comprising in combination a body portion, sleeve and leg portions extending from said body portion, a sliding closure extending from the neck opening of said body portion to adjacent the crotch thereof and continuing downwardly to adjacent the angle of one of said leg portions, mitts sealably attached to the extremities of said sleeves, and boots also sealably attached to the extremities of said leg portions, said boots comprising an outer waterproofed wall and an inner insulating lining adhesively secured thereto, a reinforcing sole portion secured to said outer wall, said sole portion extending upwardly and over said wall to adjacent the welt area of said boot, a circumferentially disposed reinforcing strip secured externally, adjacent the top of said boot, the lower extremities of said leg portion of said garment being sealably secured between the said wall of said boot and said insulating lining.

2. The device according to claim 1 which includes a further sliding closure upon the other leg portion of said garment extending from adjacent the knee thereof to adjacent the ankle thereof.

ALFRED W. STEEDMAN.

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