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SNOW SUIT (EASILY DETACHABLE GARMENT)

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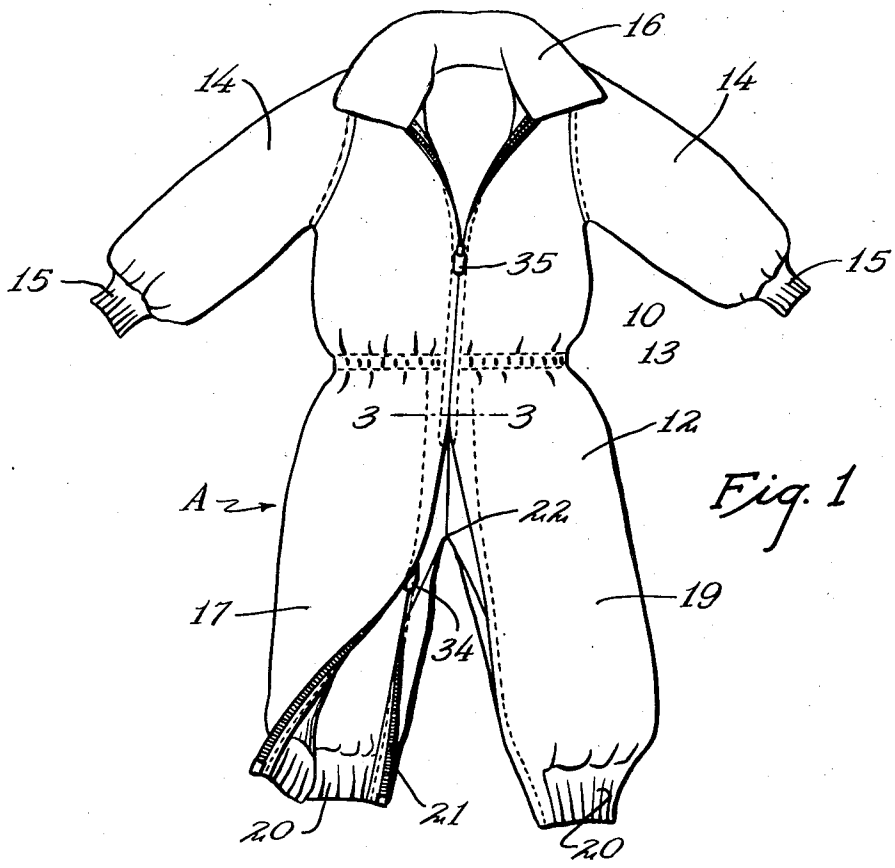


Fig. 1

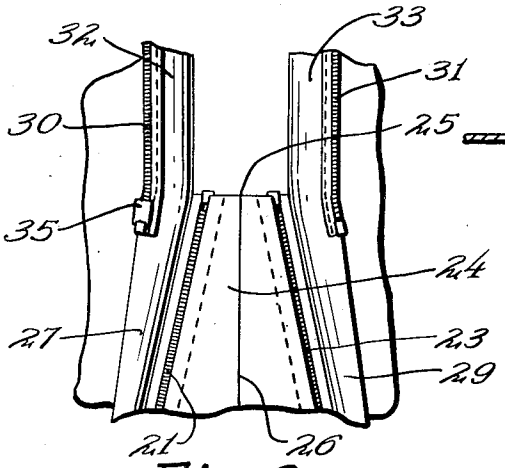


Fig. 2

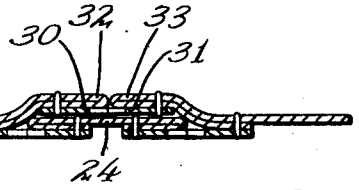


Fig. 3

INVENTOR

Morris Jack Berg

BY Robert M. Dunning

ATTORNEY

United States Patent Office

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SNOW SUIT (EASILY DETACHABLE GARMENT)

Morris Jack Berg, St. Paul, Minn.

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2 Claims. (Cl. 2—80)

This invention relates to an improvement in snow suits and deals particularly with a type of snow suit which may be easily put on or removed.

Snow suits made for children are often times difficult to put on or remove from the child. This is particularly true in nursery schools and the like, where a considerable number of children are involved and where the children are unable to put on or take off their own suits.

Various types of construction have been attempted for obviating this difficulty. However, most of such previous constructions have disadvantages. For example, some snow suits are produced which have two hook fasteners extending from the collar portion to the ends of the leg portions so that the entire garment may be opened up. However, these garments, as a result, have a central bib portion extending centrally up the front of the garment which presents an unsightly appearance unless the garment is entirely closed.

Attempts have also been made to provide an integral coat portion having a central fastener which overlies the bib portion to conceal the same. However, in such an event a strip or loop must be provided upon the inner bib portion so as to hold this portion in place.

An object of the present invention resides in the provision of a snow suit having two hookless fasteners which extend from the lower ends of the leg portions upwardly into closely spaced relation at (or slightly below) the waist portion of the garment. These fasteners are close together at their upper extremity for a reason which will be later described. A third hookless fastener extends up the center of the garment from a point below the upper ends of the first two fasteners to the neck of the garment. When these fasteners are closed, the suit is virtually wind proof. However, if desired, the center (or third) fastener may be partially opened so that the child may be more comfortable wearing the suit while indoors.

A feature of the present invention lies in the fact that while the three fasteners are entirely disconnected one from the other, the upper ends of the lower fasteners terminate close enough together to prevent an opening of any substantial size between the fastened portions at the top of the lower fastener and the overlying flaps connected by the upper fastener. This is important as it increases the warmth of the garment out of doors. Furthermore, as the lower fasteners terminate at the waist of the garment or below the waist, there is no long flap of material at the center of the garment which must be held in position while the suit is being closed and which projects downwardly when the fasteners are opened.

An added feature of the present invention resides in the fact that the lower fasteners close downwardly while the upper fastener closes upwardly. As the fasteners are of the separable type, it is necessary to engage the ends of each fastener at the start of the closing operation. If the fasteners open downwardly, it is necessary to reach to the lower ends of the legs to fasten these fasteners together. In the present invention, the fastening operation begins near the center of the body of the garment which

can be easily reached. As a result, the garment is extremely simple to open.

A further feature of the present invention resides in the fact that by supporting the fastener in the manner described, the suit may be put on or removed by only partially opening the lower fasteners. When desired, the lower fasteners may be opened for a short distance so that the legs of the child may be withdrawn when it is not necessary to entirely open up the garment. At the same time, the suit may be entirely opened so that it can be easily removed in the event the child is sleeping or uncooperative.

These and other objects and novel features of the invention will be more clearly and fully set forth in the following specification and claims.

In the drawings forming a part of the specification:

Figure 1 is a front elevational view of the garment showing the arrangement of the fasteners therein.

Figure 2 is a detail view of the center portion of the garment showing the end terminals of the fasteners.

Figure 3 is a sectional view through the garment at the overlapping of the fasteners, the position of the section being indicated by the line 3—3 of Figure 1.

The snow suit A may be of any suitable external pattern or design and is shown with an upper blouse portion **10** and a lower pants portion **12**, which are integrally connected. The garment is resiliently gathered together at the waist portion **13** so as to fit snugly about the body of the child.

The blouse portion **10** includes sleeves **14** which terminate in resilient or knitted cuffs **15** which fit snuggly about the wrists of the child. A collar **16** of fur or other soft material, encircles the neck portion of the blouse.

The pants portion **12** includes the two legs **17** and **19** which are provided at their lower extremities with knitted or other resilient cuffs **20**. The leg **17** is provided with a hookless fastener **21** which extends from the lower extremity of the cuff **20** along the inner seam of the leg to a point beneath the crotch portion **22** where the fastener extends upwardly along the inner front portion to a point close to the center of the garment and preferably below the waist portion **13**.

The leg **19** is similarly constructed and includes a sliding fastener **23** which extends from the lower edge of the cuff **20** along the inner seam of the leg to a point somewhat below the crotch **22** and then extends forwardly and upwardly to terminate closely adjacent to the upper terminal of the fastener **21** as is best shown in Figure 2 of the drawing.

It will be noted that the portion of the garment indicated at **24** between the fasteners **21** and **23** extends but a short distance from the crotch of the garment and terminates at a transverse edge **25** which is normally at the waistline or below. In preferred construction it is somewhat below the waistline which provides an extremely short flap **24** which is normally self-sustaining due to the fact that this flap is formed of two angular parts connected along a center seam **26**. For this reason the flap will sustain itself normally and does not extend upwardly a sufficient distance to require supporting means.

The portions of the garment which overlie the fasteners **21** and **23** are normally tapered from a point somewhat below the crotch **22**, becoming wider toward the top of the fastener. One such overlying flap **27** is shown folded back to disclose the fastener **21** in Figure 2 of the drawings, and a second such tapered flap **29** is folded to uncover the fastener **23**. These flaps are of greatest width at a point substantially even with, or slightly below the upper edge **25** of the flap **24**. Separable hookless fastener parts **30** and **31** of an upper fastener extend along continuations **32** and **33** of the tapered flaps **27** and **29**. The taper of the flaps **27** and **29** is such as to cause

the flaps to substantially meet at their upper ends and so that the hookless fastener parts **30** and **31** may be connected together without crowding or folding the upper portion of the flap **24**.

As indicated in Figure 1 of the drawings, the hookless fastener parts **30** and **31** form an upper fastener which extends to the neck of the garment. Thus, when all of the fasteners are in closed position, the garment is well closed.

As indicated in Figure 2 of the drawings, the various fasteners are arranged to be open when the interconnecting slides are at the center portion of the garment. In this figure, the fasteners **21** and **23** are shown closed in which condition the controlling slides would be at the bottoms of the cuffs **20**. In removing the garment, the slides such as **23**, must be pulled upwardly until the desired opening is provided. If the slides are pulled through part of their length as shown at the left of Figure 1, the feet of the children may be withdrawn without difficulty. If the slides are pulled throughout the length of the fastener, the two fastener parts may be entirely disconnected so that the leg portions of the garment may be entirely opened. This is also true with respect to the third fastener. If the slide **35** of this fastener is pulled up to the neck, the front of the garment will be entirely closed. However, the slide may be partially opened by drawing the slide to the bottom of the fastener pieces **30** and **31** permitting separation between these fastener portions.

This particular arrangement of fasteners permits the garment to be partially opened at the neck to make the garment more comfortable while it is worn indoors. Often times, considerable time is spent in preparing a series of children to go out of doors and therefore some of the children must wait after the suit has been put on. Also, when the child is taken on shopping trips or the like, it is often necessary that the suit be worn indoors and with the present arrangement, this is possible.

It is much easier to reach the top of the lower fasteners **21** and **23** and to assemble this end of the fastener than to reach down and assemble the two parts of the fastener at the lower end of the legs. Therefore, the fastener

arrangement described is of advantage from this angle. It also permits the legs to be partially opened into the position shown in Figure 1 and in such a case, the suit may be put on or taken off without opening up the entire suit.

In accordance with the patent statutes, I have described the principles of construction and operation of my method for producing a snow suit improvement, and while I have endeavored to set forth the best embodiment thereof, I desire to have it understood that obvious changes may be made within the scope of the following claims without departing from the spirit of my invention.

I claim:

1. A snow suit including a body having a blouse portion and a leg opening pants portion integrally connected together at the waist, the pants portion including a crotch portion and two leg portions joined at the crotch portion, said leg portions having openings throughout their respective length along lines adjacent to and forwardly of the said crotch portion, a pair of separable fasteners extending along the respective lengths of the openings in each leg portion, said fasteners converging at their upper ends, flaps overlying the upper ends of the separable fasteners and extending upwardly to the neck of the garment, and a third fastener connecting said flaps in overlapping relationship with the upper ends of the first named fasteners.

2. The structure described in claim 1 and in which the fasteners are of the type operable by a slide and in which the pair of separable fasteners extending along the openings in each leg portion are closed when the slides are at the ends of the fastener most remote from the waist of the garment.

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