Oct. 1, 1968 B. HELFER 3,403,408

HAND COVERING

Filed June 12, 1967

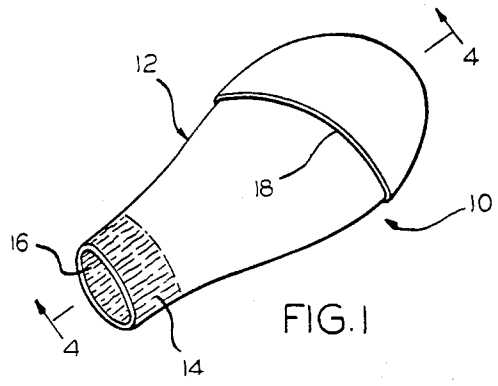


FIG. 1

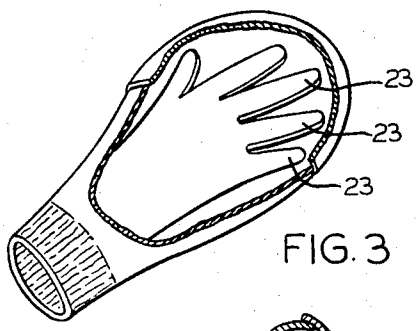


FIG. 3

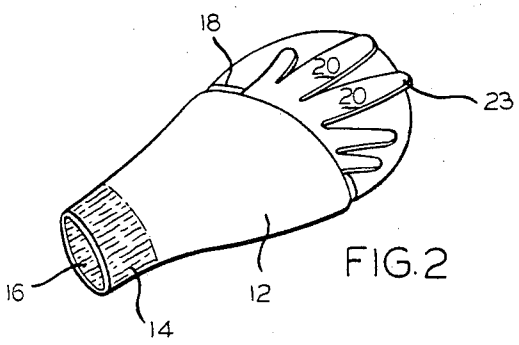


FIG. 2

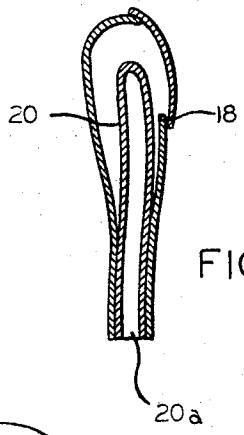


FIG. 4

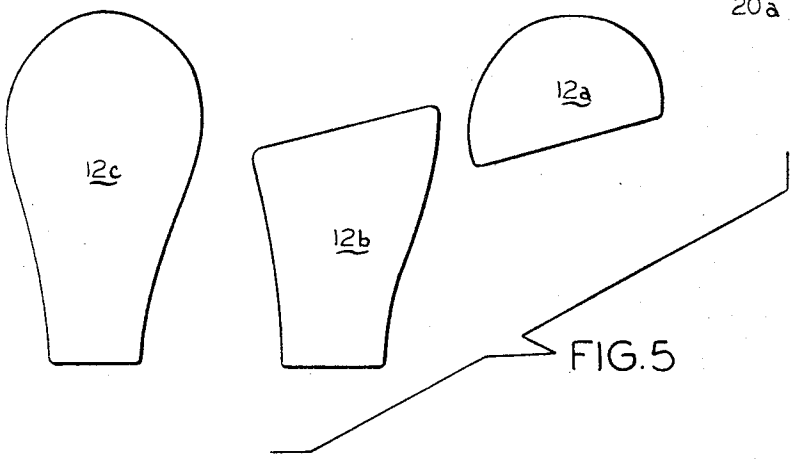


FIG. 5

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HAND COVERING

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ABSTRACT OF THE DISCLOSURE

Includes bag portion defining a cavity for containing the fingers and thumb of a hand, said bag portion has a wrist gripping means sealing the inside thereof at the wrist where the hand enters the garment. An egress opening is provided in the bag portion in order that the hands and fingers can be moved therethrough while the garment is being worn.

This invention relates to a hand garment, and more particularly to a glove-like garment which is primarily for cold weather use where it is necessary to have freedom of the fingers while maintaining their warmth.

It is manifest that children, outdoorsmen, workmen, etc., require warm gloves in the outdoors during the winter which still enable freedom of the fingers. While mitten-type gloves provide warmth they do not enable the users thereof to use their fingers freely outside of the mittens. While the fingers are free to move on the inside of the gloves or mittens, there is no way to move the fingers through the conventional mitten so that they are free on the outside of the glove while still maintaining the fingers warm.

I have provided a garment which maintains the hands in a warm condition, and in addition thereto enables the wearer of said garment to utilize his fingers freely. The garment includes a bag portion defining a cavity for containing the fingers and thumb of a hand. The bag portion has a wrist gripping means sealing the main or first opening thereof at the wrist where the hand enters the garment. An egress opening is provided in the bag portion in order that the hands and fingers can be moved therethrough while the garment is being worn. The bag portion can be made much larger than the hand to cover the complete hand so that all the fingers including the thumb are covered by the bag portion. The bag portion can be flexible so that even when the fingers are on the inside thereof, they can be manipulated to grip certain articles.

It is thus an object of this invention to provide an improved hand garment which affords the wearer thereof freedom of the fingers outside of the garment so that certain detailed movements can be attained with the fingers when the same is desired.

It is a further object of this invention to provide a new and improved hand garment which affords freedom of the fingers while still maintaining the fingers in a warm condition.

Other and further objects of this invention will become more apparent when reading the specification in connection with the drawing, wherein:

FIGURE 1 is a pictorial view of the outside of my hand garment;

FIGURE 2 is a view similar to FIGURE 1 wherein the hand is shown protruding through the slit of my hand garment;

FIGURE 3 is a pictorial view similar to FIGURE 1 illustrating the relationship of my hand in the garment illustrated in FIGURE 1;

FIGURE 4 is a cross-sectional view of FIGURE 1 taken on a plane passing through the line 4—4 and looking in the direction of the arrows; and

FIGURE 5 is a disassembled view illustrating the component parts of the bag portion of my new and improved hand garment.

Referring to the drawing wherein like characters of reference indicate corresponding parts throughout, the garment **10** illustrated includes a bag portion **12** having a wrist portion **14** at a first opening **16** of the bag portion and a slit **18**. The slit **18** is preferably formed across the bag portion by means of having two pieces **12***a*, **12***b* (with top front piece **12***a* overlapping bottom front piece **12***b*) attached to a third piece **12***c*. However, it should be understood that the slit can be formed in any number of ways and can be at different attitudes with respect to the bag portion.

The garment **10** has a glove portion **20** attached thereto on the inside thereof as illustrated in FIGURES 2, 3 and 4. The glove portion **20**, which has an opening **20***a*, is positioned so that the opening **20***a* corresponds with the opening **16** and the wearer of said garment can put his hand in the glove at the same time as putting the hand in the bag portion of the garment. The glove portion **20** is preferably of thin material so that when freedom of the fingers **23** is needed outside of the bag portion, as illustrated in FIGURE 2, the fingers can be moved through the slit portion **18** for egress from the bag portion while the garment is being worn, and the warm condition thereof can be maintained due to the covering of the fingers by the glove **20**.

From a reading of this description and understanding of the operation of the garment it is seen that the objects of the invention are fulfilled in a remarkably unexpected fashion. My garment, in addition to providing freedom for the fingers of a hand so that delicate finger movements are available, also maintains the hands in a warm condition due to the glove covering. Thus, the usual frostbite and other harm occasioned by removing gloves to perform delicate operations is avoided. It should be noted that while my garment is more effective with a thin glove attached thereto, it can be utilized without the glove.

Still even further, it is anticipated that my invention could be fabricated in a number of ways in addition to utilizing different materials. For instance where I have illustrated in FIGURE 5 that the slit **18** can be formed by overlapping of the piece **12***a* with the piece **12***b* and stitching the same onto the piece **12***c*, I anticipate that the slot could be at a different attitude with respect to the bag portion. Also, the bag portion could be made of plastic and stitched together or it can be made of a number of other materials, etc.

Thus, while I have illustrated and described a specific construction of my device, I am fully cognizant of the fact that many changes in the shape and contour may be made without affecting its operativeness, and I reserve the rights to make such changes as I may deem convenient without departing from the spirit of my invention or the scope of the claim.

I claim:

1. A hand covering comprising:
a bag portion defining a cavity for containing a hand,
said bag portion being integrally rounded at the finger and thumb end thereof,
whereby no finger or thumb stalls are provided,
said bag portion having a first opening with wrist gripping means for positively closing the gap between the inside of said bag portion and a wrist where the hand enters said garment,
a glove attached to said bag portion near the first opening and disposed on the inside of said bag portion,
said glove being aligned with said bag portion,
having the opening of said glove corresponding with said first opening of said bag portion,

whereby said hand covering can be put on the hand by moving the hand through said openings in said bag portion and said glove, and

said bag portion comprising a one piece back section and a front section,

said front section having two separate overlapping pieces each attached to said back section,

a slit on the front section formed by said overlapping pieces,

said slit enabling egress of the gloved hand while the hand covering is being worn.

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