Dec. 25, 1923. 1,478,582

H. SCHALLMAN

GLOVE AND MITTEN

Filed Nov. 30, 1921

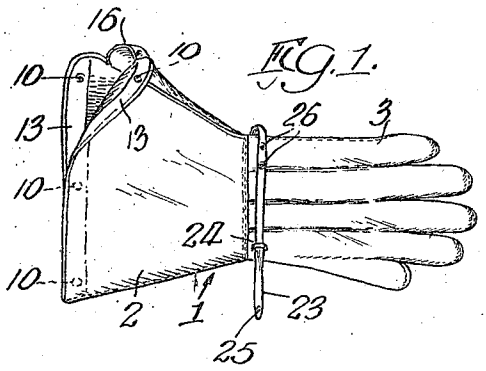


FIG. 1.

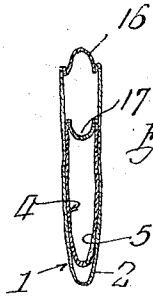


FIG. 5.

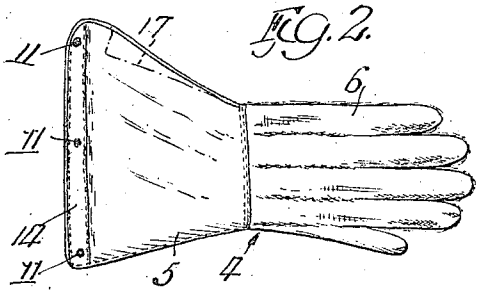


FIG. 2.

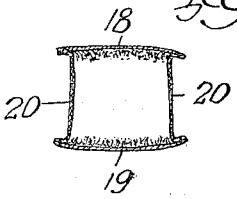


FIG. 6.

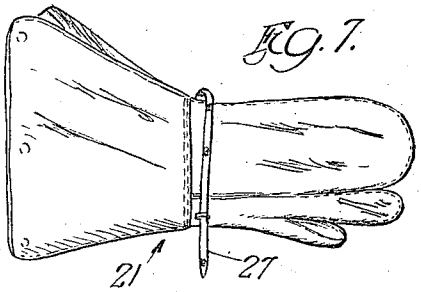


FIG. 7.

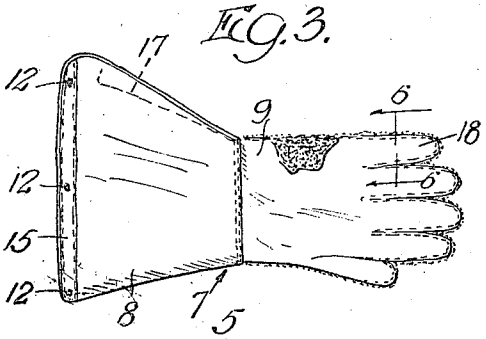


FIG. 3.

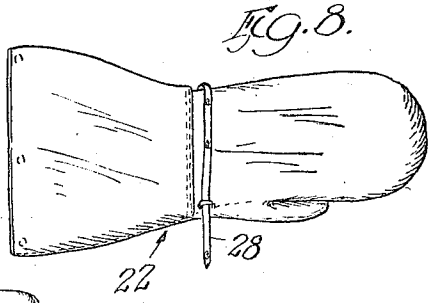


FIG. 8.

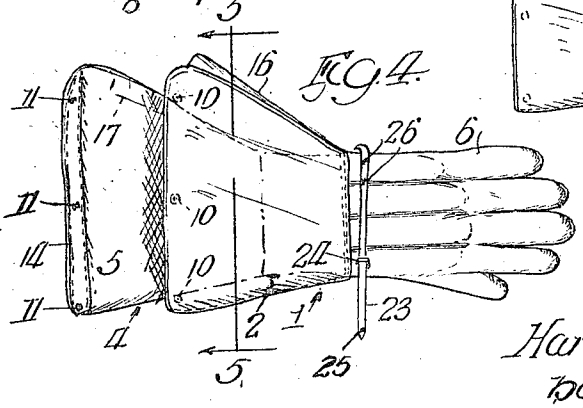


FIG. 4.

Inventor

Harry Schallman

By Eugene Owen Abbey.

Patented Dec. 25, 1923. 1,478,582

UNITED STATES PATENT OFFICE.

HARRY SCHALLMAN, OF CHICAGO, ILLINOIS.

GLOVE AND MITTEN.

Application filed November 30, 1921. Serial No. 518,774.

To all whom it may concern:

Be it known that I, HARRY SCHALLMAN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Gloves and Mittens, of which the following is a specification.

This invention relates to gloves, mittens, and like hand coverings used as articles of wearing apparel.

The main object of my invention is to provide a glove or mitten with one or more removable linings of various materials affording different degrees of warmth, so that by interchanging the linings one glove may be suitable for any kind of weather.

Another object of my invention is to arrange the detachable connections between the glove or mitten body and the lining so that such connections are readily accessible from the outside of the glove or the mitten, as the case may be.

A further object of my invention is to apply the detachable linings to gloves and mittens of the gauntlet type and to have each lining provided with a gauntlet cuff fitting the cuff of the glove or mitten body, so that the lining may be readily inserted into and removed from the glove or mitten body.

The invention consists further in the matters hereinafter described and more particularly set forth in the appended claims.

In the accompanying drawings—

Fig. 1 shows a glove provided with a removable lining in accordance with my invention;

Fig. 2 shows one of the linings;

Fig. 3 shows another of the linings but made of material different from that shown in Fig. 2 so as to afford a degree of warmth greater than afforded by the lining of Fig. 2;

Fig. 4 shows one of the linings partly withdrawn from the glove body;

Figs. 5 and 6 are sectional views taken on lines 5—5 and 6—6, respectively, of Figs. 3 and 4; and

Figs. 7 and 8 show mittens embodying my invention; in Fig. 7 the mitten is of the one-finger type, while in Fig. 8 the mitten is of the usual type.

In Fig. 1, 1 indicates the outside glove. This, as shown, is in gauntlet form and has a relatively stiff cuff 2 and a hand portion 3 having the usual finger and thumb portions as customary in glove design. The outside glove 1 may be made of leather or other suitable material.

In Fig. 2, 4 indicates one of the removable linings. This has a cuff portion 5 of relatively stiff material and a hand portion 6 having the finger and thumb portions all of which are made of a knitted fabric, such as jersey wool.

In Fig. 3, 7 indicates another of the removable linings. This has a cuff portion 8, also of relatively stiff material, and a hand portion 9 having the usual finger and thumb portions, all made of lamb's skin with the wool facing inside.

The linings 4 and 7 are interchangeable with the outside glove portion 1, that is, the outside glove 1 is made initially large enough not only to fit the hand for which it is made, but also to allow either one of the linings 4 or 7 to be inserted into the same. When one of these linings is inserted into the outside glove 1, the finger and thumb portions of the lining completely fill the corresponding parts of the outside glove and the cuff of the lining fits within the cuff 2 of the outside glove 1 so that the glove with its lining appears as one glove with no portions of the lining projecting beyond the outside glove.

To hold the linings in place when in the outside glove, I provide the parts with detachable fastenings which, as shown in the drawings, are in the form of snap fasteners. One set of these fasteners 10 are carried by the cuff portion 2 of the outside glove 1 and the cuff portions 5 and 8 of the linings 4 and 7 are provided with a co-operating set of fasteners 11 and 12, respectively. The fastening members 10 on the outside glove 1 are inside of its cuff portion 2, while the fasteners on the cuff portions of the linings are on the outside thereof, so that the cuff portions may be readily attached by forcing the fasteners together, and detached by pulling the outer edges of the cuff portions apart. These fastening members are all located adjacent the outer edges of the cuff portions so as to be readily accessible from the outside of the glove and thus permit attaching and detaching the linings without reaching into the glove for that purpose. The fastening members 10, 11, and 12 are secured to the reinforcing strips 13, 14, and 15 on the respective members of the glove so that they will not pull out.

In Fig. 4, I have shown one of the re-

movable linings, namely, the one 4, partially inserted in the outside glove 1. To insert a lining in the outside glove 1, the lining is first drawn onto the hand of the wearer in the same manner as a glove. Then the hand of the wearer while in the lining is inserted into the outside glove 1 until the lining is completely in the outside glove. This will bring the cuff portions of the outside glove and lining one within the other with their outer edges together, whereupon the lining may be attached to the outside glove by snapping the fasteners of the two together.

To remove a lining from the outside glove 1, the glove is drawn onto the hand of the wearer, if not already there, and then the snap fasteners of the lining and outside glove are disconnected, whereupon by grasping the finger portions of the outside glove 1 adjacent their tips, the outside glove 1 may be pulled off of the lining, the latter still remaining on the hand of the wearer. This removes the lining from the outside glove 1 and another lining may then be inserted into the outside glove in the manner described.

By providing an outside glove 1 with one or more removable linings, as disclosed, the glove is rendered suitable for any kind of weather by merely using the particular lining required. In mild weather, the outside glove may be used without the linings. For colder weather when greater warmth is required than is made possible by the outside glove 1 alone, the lining 4 may be used. This lining is made of knitted fabric, as wool, and this will afford sufficient warmth for moderate weather. For extremely cold weather the lamb's skin lining 7 may be employed, and having the wool facing inside of the lining affords the degree of warmth required for extremely cold weather.

The advantage of having a glove with removable linings as described resides not only in being able to have one glove suitable for any kind of weather, but also permits the linings being dried when removed from the outside glove and thus avoids injuring the outside glove by subjecting it to excessive heat to reach the lining as in gloves wherein the lining is permanently fixed in the outside glove as heretofore. Lamb's skin gloves in particular are susceptible to cracking when subjected to excessive heat. These gloves become readily moist and damp while in use and, if an attempt is made to dry them out without taking the lining out of the outside glove, which could not be done as heretofore made, such an excessive heat must be applied to the outside glove to reach the lining that the outside glove, which is usually of leather, is burned and the inside lamb's skin lining cracked as a result, thus rendering the glove faulty in that the cracked lining curls up and makes wearing of the glove inconvenient. By being able to remove such lining, as provided by my invention, the lining may be taken out and dried in a natural heat, thus preserving the lamb's skin, preventing it from cracking, and, in addition, drying the wool inside. The outside glove may also be dried by natural heat, thus maintaining the pliability of the leather, which is required in a glove of this kind.

As shown in Fig. 5, the cuff 2 of the outside glove 1 is provided along one side with a gusset 16 to permit sufficient distending of the cuff to receive a coat sleeve when inserted into the same. The cuff portions 5 and 8 of each lining are also provided with gussets 17 to permit a like distention of such cuff portions. The gusset 17 when distended fits into the gusset 16.

In Fig. 6, I have shown a section through one of the finger portions of the lamb's skin lining 7. This is made to provide lamb's skin sections 18 and 19 along the top and bottom of the finger, while the side sections 20, 20 are made of suitable fabric stitched along its edges to the top and bottom sections 18 and 19, as shown.

In Fig. 7, I have shown my invention embodied in a mit 21 of the one-finger type; and in Fig. 8, I have shown my invention embodied in the ordinary form of mit 22 wherein all the four fingers of the hand are within the body portion of the mitten.

In connection with the outside glove 1, I provide a wrist strap 23. This extends about the wrist of the glove on the outside and has its free end inserted through a guide loop 24 on the glove body. The free end of the strap has one member 25 of a snap fastener to engage either of the other members 26, 26 of such fasteners on the portion of the strap affixed to the opposite side of the glove and thus permits properly tightening the wrist portion of the glove about the wrist of the wearer.

Similar straps 27 and 28 are provided on the mits shown in Figs. 7 and 8.

By my invention, I provide a plurality of pairs of gloves in one and, while I have shown my invention applied to gloves of the gauntlet type, it is to be understood that my invention may be adapted to gloves of the so-called short or walking type, and I do not wish to be limited to the details of construction as shown in the drawings, as such details may be variously changed and modified without departing from the spirit and scope of my invention.

I claim as my invention:

1. A hand covering, comprising an outside portion made of wear resisting material, and a removable lining therefor made of cold resisting material, both outside portion and lining being made of a shape and size to completely cover the hand of the wearer and fit

one within the other when the two are worn together, and co-operating fastening means carried by the outside portion and lining, respectively, along the outer edges thereof for detachably connecting the two together when one is within the other.

2. A hand covering, comprising an outside portion, and a removable lining therefor, both being made of a shape and size to completely cover the hand of the wearer and fit one within the other, said outside portion being made of a material different from that of the lining and constituting the part of the hand covering to stand the wear and worn when the lining is not in the same, and snap fasteners carried by said outside portion and lining, respectively, along the outer edges thereof for detachably connecting the same together when the lining is in the outside portion.

3. A hand covering, comprising an outside portion having a cuff, a removable lining for said outside portion, said lining having a cuff fitting within the cuff of the outside portion, and fastening means carried by said cuffs for detachably connecting the lining to said outside portion.

4. A hand covering, comprising an outside portion having a cuff, a removable lining for the outside portion, said lining having a cuff to fit within the cuff of the outside portion, and snap fasteners on said cuffs for detachably connecting the lining to the outside portion.

5. A hand covering, comprising an outside portion made of wear resisting material, a removable lining therefor, both being made of a shape and size and co-extensive to completely cover the hand of the wearer and fit one within the other when the two are worn together, said outside portion being worn alone when the lining is not used therewith said lining being made of cold resisting fabric to increase the warmth of the hand covering when the outside portion and lining are worn together, and means for detachably securing the outside portion and lining together in fixed relation when one is within the other.

6. A hand covering, comprising an outside portion having a cuff, a removable lining for said outside portion, said lining having a cuff to fit within the cuff of the outside portion, co-operating fastening means carried by said cuffs for detachably connecting the lining to said outside portion, and a wrist strap secured to the outside portion for tightening the hand covering about the wrist of the wearer.

7. A glove, comprising an outside portion, and a removable lining therefor, said lining having the same shape as the outside portion and made to fit within the same with the finger and thumb portions of the lining fitting in those of the outside portion, said lining completely covering the hand of the wearer and having each of the thumb and finger portions thereof made of top and bottom layers of lamb's skin and side sections of fabric, the latter being stitched to the top and bottom layers along the sides thereof.

In testimony that I claim the foregoing as my invention, I affix my signature, this 28 day of November, A. D. 1921.

HARRY SCHALLMAN.