March 16, 1926. 1,576,971

W. H. HEATON

GLOVE

Filed April 17, 1924

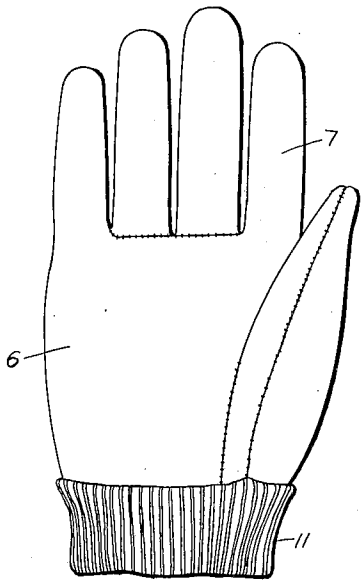


Fig. 1.

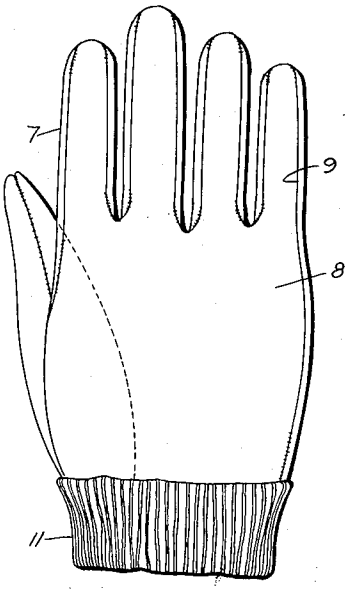


Fig. 2.

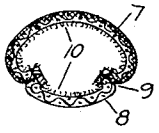


Fig. 3.

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UNITED STATES PATENT OFFICE.

WILLIAM H. HEATON, OF OAKLAND, CALIFORNIA.

GLOVE.

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To all whom it may concern:

Be it known that I, WILLIAM H. HEATON, a citizen of the United States, and a resident of Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Gloves, of which the following is a specification.

My invention relates to hand coverings, and more particularly to gloves or coverings used in the various arts requiring such coverings for the protection of the hands or fingers while at work.

Present gloves used in the arts and of a serviceable nature, and with which I am familiar, are made of high grade material and consequently are expensive, and so much so that many workmen cannot afford them, so they purchase a less serviceable grade. The latter, as well as being inferior, are of comparatively thick material and poorly made, and hence are more or less stiff and misshapen. Such gloves deter rather than increase a workman's efficiency, and many needing hand protection prefer to go without gloves rather than use the latter kind.

Considering the above, the primary object of my invention is the provision of a serviceable snug-fitting covering, inexpensive, and very light and pliable. A further object is the provision of a glove of this character, having a cloth base to contact the skin for perspiration absorption, and an outer surface of rubber for sensitive touch and efficient holding or gripping. A still further object, and for more cooling effect and still cheaper construction, is to make the glove with a rubberized palm and finger-portion and an unrubberized back portion. This form of glove is very suitable for garden and house-work.

I attain the above objects by constructing a portion of the glove from cloth material that is treated on one side with a coating of rubber. Having cloth as the base in combination with the rubber insures durability, as the present all-rubber glove tears easily and is weak and very short lived. In fact gloves of the latter type even deteriorate on the shelves and are at times unsalable.

Other objects and advantages of the invention will appear in the subjoined description of the accompanying sheet of drawings, and in which:

Figure 1 is a front view of a glove embodying my improvement, and Fig. 2 is a back view of it. Fig. 3 is a cross-section, on an enlarged scale, of any finger of Fig. 2.

Adverting to the drawings: My glove preferably consists of a rubberized palm and finger portion represented respectively by the numerals 6 and 7, Fig. 1, having sewed thereto an unrubberized back portion 8, Figs. 2 and 3, and as shown to advantage in the latter figure, the union of the two portions is well above the longitudinal center of the fingers, as at 9. The union so located is important, as the chafing of the fingers induce wearage and it is desired that the contacting surfaces be rubberized for minimum wear.

The body or base of the glove is cloth fabric, such as canton flannel, canvas or any other more or less porous and suitable fabric. As shown in the said figures, 8 is the back of the glove and it is also the base for the improvement. It is represented in the drawings as canton flannel having a fleecy nap 10 on one side, and which is always the inside of my covering.

As stated, the front face 6 and 7 of the glove is rubberized; this is accomplished by first treating the cloth in the bolt to a coating of rubber solution on the unfleeced side, and calendering the treated cloth between rolls, thus frictionizing and filling the pores of the said side thereof. This side may then be coated again and vulcanized. The vulcanized cloth is then cut to suit the glove pattern and size desired, and sewed to the untreated back portion.

In the form of Figs. 1 and 2, 11 represents a knit wrist band or other preferred termination.

Gloves constructed in accordance with my invention possess an additional feature of merit much desired by chauffeurs, and that is the ability of the gloves to show no slipping tendency at the steering wheel.

What I claim as new and desire to secure by Letters Patent of the United States is the following:

A glove or covering of the type in which each of the fingers is formed of a single front portion covering the front and two sides of the finger and a back portion covering the back of the finger whereby all of the seams longitudinally of the fingers are

thrown to the back of the hand, said portions being made of textile fabric provided with a fleecy surface on one side, the fleecy surface comprising the inside throughout said glove, the said front portion of each of said fingers having been treated with a rubber solution and vulcanized so as to fill the pores of the outside of the fabric in said part but not to penetrate said fleecy surface and the back portion of said fingers being untreated and stitched to said treated front part.

In testimony whereof I affix my signature.

WILLIAM H. HEATON.