May 29, 1923.

1,456,580

J. V. SULLIVAN

GLOVE

Filed May 3, 1922

Fig. 1.

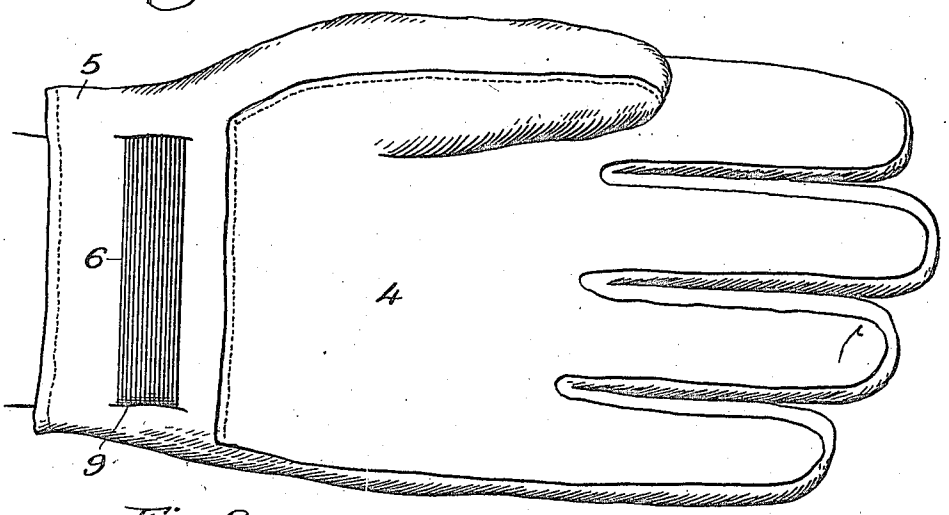


Fig. 2.

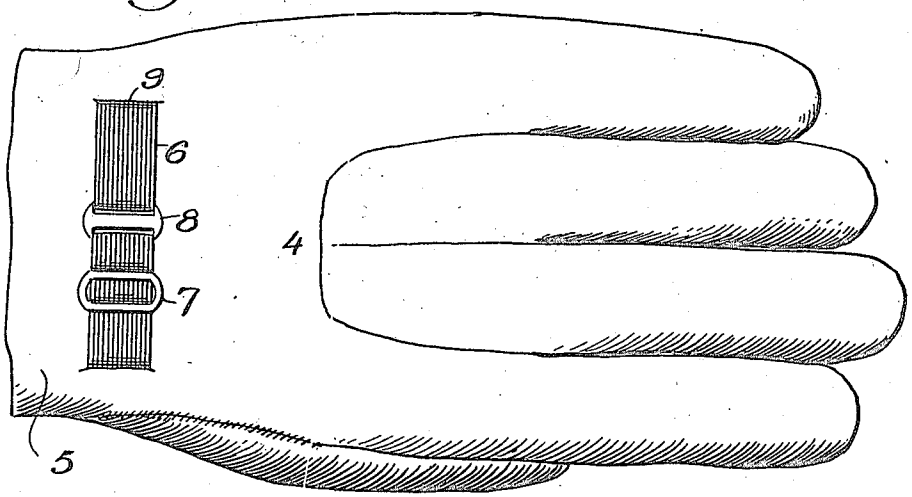
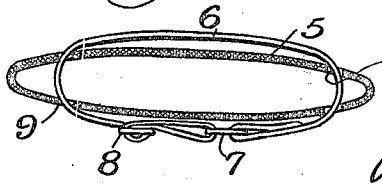


Fig. 3.



Inventor

John V. Sullivan

By

W. W. Byrne

Attorney

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UNITED STATES PATENT OFFICE.

JOHN VINCENT SULLIVAN, OF FREMONT, OHIO.

GLOVE.

Application filed May 3, 1922. Serial No. 558,137.

To all whom it may concern:

Be it known that JOHN VINCENT SULLIVAN, a citizen of the United States, residing at Fremont, in the county of Sandusky and State of Ohio, has invented certain new and useful Improvements in Gloves, of which the following is a specification.

The present invention relates to retaining devices for gloves and mittens, and consists in the combinations and arrangements of elements hereinafter disclosed and particularly set forth in the accompanying claims.

With the usual make of gloves and mittens the wrist portions thereof are too flimsy and consequently do not hold their shape if they be used in any kind of manual work, and this fault is especially true where the wrist portions are of knitted material. As a consequence of this the glove does not hold to the hand, and there is the further disadvantage that dirt finds easy access to the interior of the glove, which requires its removal, at frequent intervals. This condition obtains especially with coal miners, who are constantly required to remove their gloves to shake out small particles of coal that work down between the hands and the gloves.

Gloves of the gauntlet type are also found not to hold easily on the hands during manual work, and after constant slipping the fingers thereof double over at the ends and turn inwardly towards the palm.

This exposes the seams to rough wear with consequent opening. There is also the further disadvantage that this slipping of the glove brings the cuff of the coat sleeve into contact with the edge portion of the gauntlet. Due to these faults the gauntlet type of glove soon becomes useless and is discarded.

For these reasons the glove or mitten having a knitted wrist portion, or the gauntlet type of glove, is generally unsatisfactory, and this particularly where they are worn by coal miners.

The present invention proposes to overcome all of these faults but without departing from the use of such gloves or mittens; to wit, by employing an elastic retaining member that is attached but not secured to the glove or mitten. The device encircles the wrist of the wearer at the wrist portion of the glove, and is so constructed that the hand may easily pass therethrough. An adjusting feature is provided which may be readily manipulated with one hand. The retaining member is not sewed or otherwise fastened to the glove fabric thereby avoiding pulling or other strain on any particular part of the glove with its obvious disadvantages.

It is further proposed to provide gloves or mittens of this type which will give the wearer the maximum length of service at minimum cost.

The invention is shown by way of illustration in the accompanying drawings, wherein:—

Figure 1 is a top plan view thereof.

Fig. 2 is a bottom plan view, and

Fig. 3 a transverse sectional view taken through the wrist portion thereof.

Referring to the construction in further detail and wherein like reference characters designate corresponding parts in the different views 4 indicates an ordinary glove or mitten adapted to be fitted with the retaining device on the wrist portion 5 thereof as shown.

The device per se consists of an elastic band or tape 6 provided with any suitable adjusting device for regulating its tension. The means therefor comprising, in this instance, an eye member 7 secured to one of the tapes 6 and a piece 8 slidable on the tape in the usual way. Any other preferred kind of adjusting means may of course be substituted for that shown here.

By the provision of the adjusting feature the tension on the elastic band 6 may be readily regulated to suit the size of the wearer's wrist, or to tighten said band should it lose its elasticity, as would obviously happen after the glove had been worn for a while.

The wrist portion 5 of the glove or mitten is apertured in four places, indicated at 9, to receive the tape 6 in the manner illustrated in Figure 3. Thus applied the elastic retaining band 6 closely overlies the outer surfaces of the upper and lower parts of the wrist portion 5, and within said wrist portion said band contacts directly with the wrist of the wearer on opposite sides.

It will therefore be seen that the retaining strap or hand is so located and fitted to the glove as to obtain the maximum tensioning about the wrist with no discomfort to the wearer, and that the hand may be easily and quickly passed therethrough. And it will be further noted that there are no points of attachment, e. g., sewing, riveting or the like,

which would interfere with the spreading of the glove while putting on or taking off the same.

It is obvious that those skilled in the art may vary the details of construction and arrangement of parts without departing from the spirit of my invention, and, therefore, I do not wish to be limited to such features except as may be required by the claims.

Having thus described my invention, what I claim is:

1. A glove having a wrist portion provided with registering apertures, and a wrist band passing through said apertures, said band lying wholly outside of the glove on the front and back portions thereof, substantially as set forth.

2. A glove having a wrist portion provided with two pairs of registering apertures, and an elastic retaining wrist band passing through said apertures, said band lying wholly outside of the glove wrist portion on the front and back thereof and within the glove wrist portion at the sides thereof, substantially as set forth.

3. A glove having a wrist portion provided with two pairs of registering apertures on the front and back portions thereof and an elastic and adjustable wrist band passing through said apertures, said band lying wholly outside of the glove wrist portion on the front and back parts thereof, and lying within and adapted to contact directly with the wrist of the wearer at the sides thereof, substantially as set forth.

In testimony whereof I affix my signature.

JOHN VINCENT SULLIVAN.