March 17, 1925. 1,530,327

W. G. REDLICK

WASHING MITT

Original Filed Nov. 19, 1923

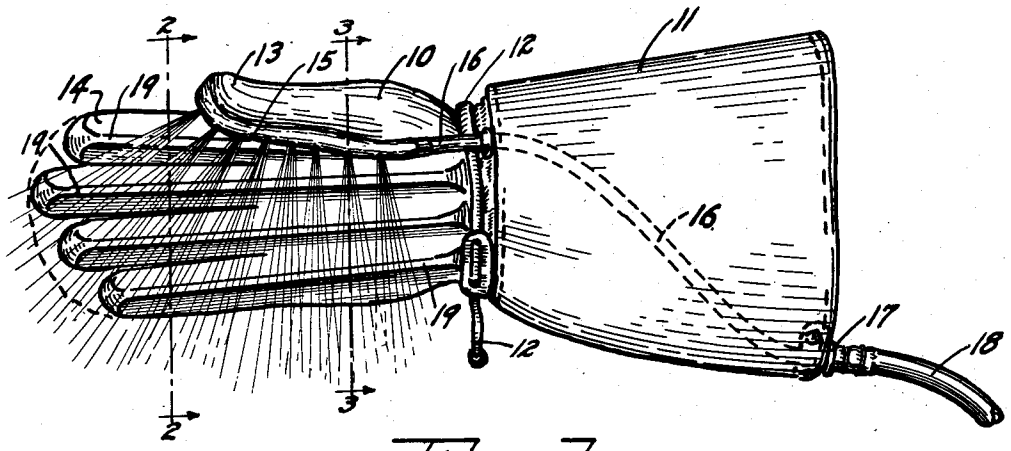


Fig 1

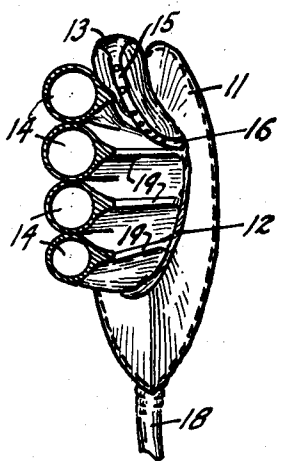


Fig 2

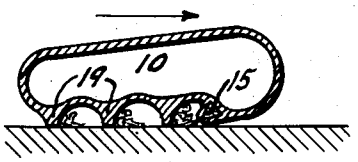


Fig 3

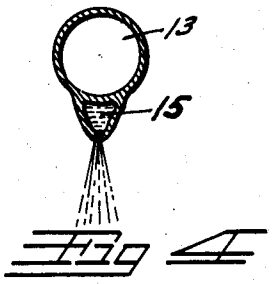


Fig 4

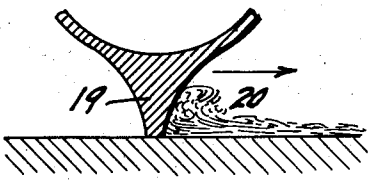


Fig 5

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UNITED STATES PATENT OFFICE.

WILLIAM G. REDLICK, OF DENVER, COLORADO.

WASHING MITT.

Application filed November 19, 1923, Serial No. 675,603. Renewed January 9, 1925.

To all whom it may concern:

Be it known that I, WILLIAM G. REDLICK, a citizen of the United States of America, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Washing Mitts, of which the following is a specification.

This invention relates to a device which is worn on the hand of the user similar to a glove or mitt and which is provided with means for applying water or other liquid to a surface in combination with means for removing said liquid from the surface. The device is more particularly valuable for washing and drying automobile bodies.

The principal object of the invention is to provide in a glove the combination of a liquid spray with squeegees or liquid removers.

Another object of the invention is to so construct the device that the possibility of scratching or marring the surface is reduced to a minimum.

Other objects and advantages reside in the detail construction of the invention, which result in simplicity, economy, and efficiency, and which will become more apparent from the following description.

In the following detailed description of the invention, reference is had to the accompanying drawing which forms a part hereof. Like numerals refer to like parts in all views of the drawing and throughout the description.

In the drawing:

Fig. 1 is an illustration of the complete device. The broken line at the extremity of the fingers illustrate the contour of the device if made as a mitt without finger pockets.

Fig. 2 is a cross section of the invention taken on the line 2—2, Fig. 1.

Fig. 3 is a cross section of the invention taken on the line 3—3, Fig. 1 as it would appear in use.

Fig. 4 is a detail cross section through the thumb portion of the device.

Fig. 5 is an enlarged detail view illustrating the action of the squeegees when in use.

The device may be incorporated either in a glove having fingers, or in a mitt in which the separate finger pockets are eliminated, but in which the thumb pocket is retained. The drawing illustrates the device as applied to the fingered glove.

Let the numeral 10 designate the glove which is provided with a gauntlet 11, and with a strap 12 for drawing the glove snugly around the wrist of the user. The gauntlet and strap prevent the water from entering the sleeve of the user. The glove 10 is preferably made of elastic rubber or similar water resisting material, and comprises a thumb pocket 13 and finger pockets 14.

A spray pipe 15 is secured or integrally moulded along the inner contour of the thumb pocket 13 and connects with a hose 16 which passes within and is secured to the gauntlet 11, terminating in any suitable hose connection 17, to which a supply hose 18 may be attached. Spray pipe 15 should be of rubber or similar non-abrading material.

Secured or molded along the inner surface of the finger pockets 14 are longitudinally extending squeegees 19. The squeegees 19 are formed of soft, pliable, non-absorbent material, preferably of soft rubber and extend from the tips of the finger pockets 19 to the wrist of the glove on three of the fingers, the squeegee over the index finger terminating at the intersection of the thumb pocket 13.

In use the surface is well moistened by the spray from the spray pipe 15, so as to loosen and dissolve all foreign material. The glove is then wiped across the surface in long sweeping strokes, in the direction of the arrow in Fig. 3. The surface water, with its contained foreign matter will collect ahead of each of the squeegees as shown in Fig. 5 and be immediately washed from the surface by the sprays of the spray pipe 15.

It will be noted (see Fig. 5) that the foreign matter, such as sand, soil, etc., carried in the surface water is always pushed ahead of the squeegees, and is immediately washed away by the sprays. It is not held imbedded and entangled in the drying medium where it would scratch or mar the surface as is the case when using a cloth, sponge, or chamois. The squeegees 19 being pliable, the glove may be readily bent to conform to the contour of the surface, and is found especially useful for cleaning in difficult places, such as wheels and spokes.

After the foreign matter has been washed

from the surface, the water supply to the spray pipe may be shut off and the surface gone over with the squeegees to remove the remaining surface water.

While a specific form of the improvement has been described and illustrated herein, it is desired to be understood that the same may be varied, within the scope of the appended claims, without departing from the spirit of the invention.

Having thus described the invention, what is claimed and desired by Letters Patent is:

1. In a glove, the combination of a liquid spray pipe secured on the thumb pocket thereof and pliable ridges extending longitudinally of the palm side of said glove.

2. In a glove, the combination of a liquid spray pipe secured along the inner side of the thumb pocket thereof so as to project its sprays across the face of said glove and soft pliable ridges extending along the face of each finger and across the palm of said glove.

3. In a glove, the combination of a liquid spray pipe secured on the thumb pocket thereof; pliable ridges extending longitudinally of the palm side of said glove; a gauntlet secured to said glove and a conductor passing through said gauntlet and connecting with said spray pipe.

4. In a glove, the combination of a liquid spray pipe secured along the inner side of the thumb pocket thereof so as to project its sprays across the face of said glove; squeegees extending along the face of each finger and across the palm of said glove; a gauntlet secured to said glove and a conductor passing through said gauntlet and connecting with said spray pipe.

In testimony whereof, I affix my signature.

WILLIAM G. REDLICK.