Jan. 26, 1943. E. H. PATTERSON, JR 2,309,476

GLOVE

Filed Oct. 25, 1941

Fig. 1.

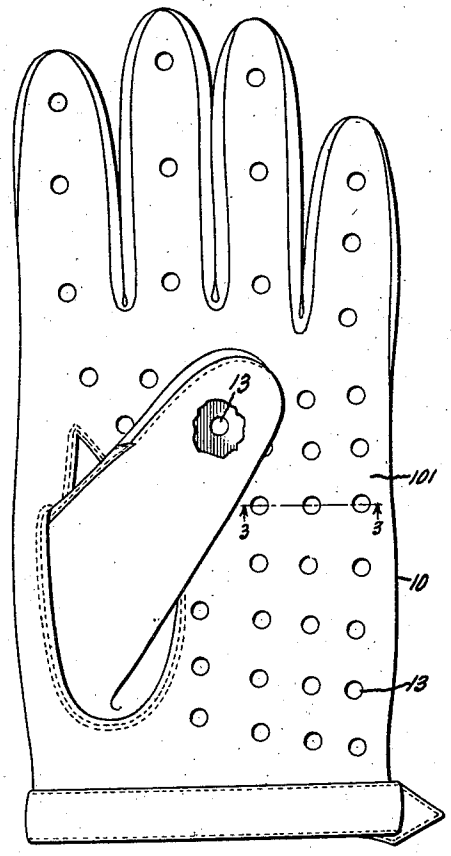


Fig. 2.

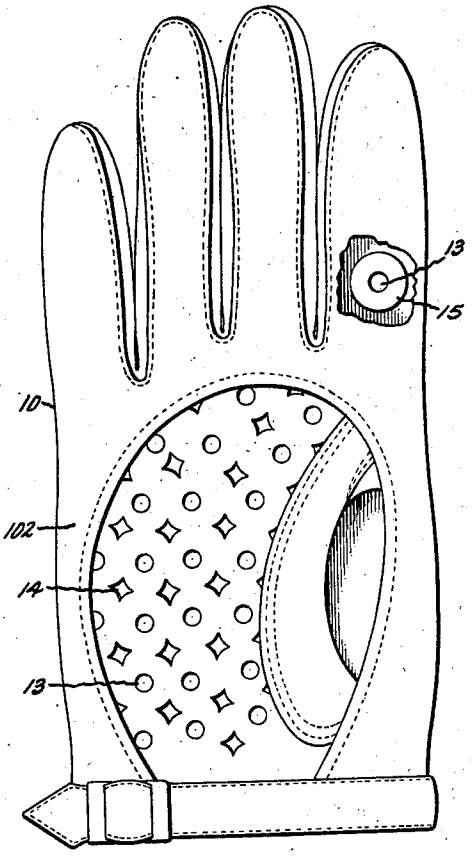


Fig. 3.

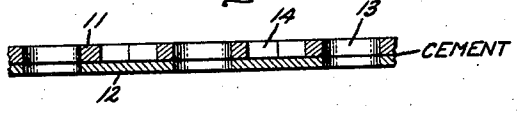
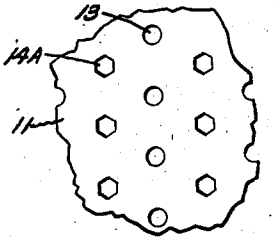


Fig. 4.



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2,309,476

GLOVE

Edward H. Patterson, Jr., Troy, N. Y.

Application October 25, 1941, Serial No. 416,431

1 Claim. (Cl. 2—159)

My invention more particularly relates to a glove for preventing or substantially preventing slippage between the hand of a user and the article that is gripped thereby. The glove embodying my invention is particularly useful for gripping the handle of a golf club to prevent slippage between the hand of a player and the handle of the club. One of the principal difficulties encountered by a golf player is a "slice" or a "hook" which is caused by slippage between the hand of the player and the handle of the golf club. When the head of a golf club goes through during a golf stroke, it is moving at a high velocity and any slippage between the hand and the club handle changes the direction of impact of the club head with respect to the ball and results in a "slice" or a "hook" either of which usually ruins the "shot." In accordance with my invention means are provided for preventing or substantially preventing slippage between the hand of the player and the handle of the club. While the glove embodying my invention is particularly applicable for use in the game of golf, it may also be used for gripping any device, such as the steering wheel of an automobile, where it is desirable to prevent slippage between the hand of the user and the article which is gripped.

My present application is a continuation in part of my prior applications Serial Number 397,515 which was filed in the United States Patent Office June 11, 1941, and of my application Serial Number 399,833, which was filed in the United States Patent Office June 26, 1941.

My invention will best be understood by reference to the accompanying drawing in which I have illustrated a preferred embodiment thereof and in which

Fig. 1 is a plan view of the palm of a glove embodying my invention;

Fig. 2 is a plan view of the back of the glove and illustrating the inner side of the palm portion of the glove;

Fig. 3 is a fragmentary section taken along the line 3—3 in Fig. 1, and

Fig. 4 is a fragmentary plan view of the inner portion of the palm of a glove, illustrating a modification of my invention.

Referring to the drawing, 10 indicates generally a glove embodying my invention comprising a palm portion 101 (Fig. 1) and a back portion 102 Fig. 2. In the embodiment of my inventions shown in my previous applications above referred to, the palm portions of the gloves and the palms of the fingers are provided with openings surrounded by members cemented or otherwise attached to the inner side of the palm portion of both the main body of the glove and the fingers, serving to increase the thickness of the glove immediately surrounding the openings, the openings serving to create vacuums which prevent slippage between the hand of the player and the handle of the club.

While the gloves illustrated in my previous applications provide decided improvements over the usual glove intended for gripping devices such as the handle of a golf club, I find that under certain conditions and particularly during hot weather when the hands are sweaty, that my present invention more positively prevents slippage as it creates double adhesion between the hand and the device that is to be gripped, particularly the handle of a golf club.

In the present embodiment of my invention, the palm of the glove, instead of being composed of a single layer of leather, as was the case in my prior applications, is composed of two layers cemented or otherwise secured together, with some of the openings extending through both layers while other openings extend through the inner layer only thereby creating double adhesion between the hand of the user and the handle of the golf club or other article to be gripped.

In the present embodiment of my invention the glove is indicated at 10 and comprises a palm portion 101 and a back portion 102. The palm portion of the main body of the glove comprises two layers, an inner layer 11 and an outer layer 12 (see Fig. 3), the inner layer 11 preferably being thicker than the outer layer as best indicated in Fig. 3. The material of the palm of the glove is provided with openings 13 which extend entirely through both layers as best shown in Fig. 3. The openings 13 are preferably circular in contour as indicated in Figs. 2 and 3, although it will be understood that they may be of any desired contour. The openings 13 create vacuums or partial vacuums between the hand of the user and the article which is gripped, for example, the handle of a golf club and prevents, or largely prevents, slippage between the hand and the handle of the golf club or other article which is grasped.

In accordance with my present invention supplementary openings 14 are provided which are limited to the inner layer 11 of the glove material. The openings 14 which are offset from the openings 13 (Figs. 2 and 4) may be square as illustrated in Fig. 2 or hexagonal as

illustrated in Fig. 4, circular, or of any desired form. The supplementary openings 14 are particularly useful for preventing slippage when the hand of the user is covered with perspiration and is particularly useful for preventing slippage when the hand of the user is covered with perspiration and is particularly useful for preventing slippage between the hand of the user and the handle of a golf club.

When the hand grips the handle of a golf club, a vacuum or more properly a partial vacuum is formed in the openings 13, which prevents, or largely prevents, slippage between the hand of the user and the handle of the golf club. It will of course, be understood, that a partial vacuum is created and when I refer in the claims to a vacuum being formed, I mean a partial vacuum. Additionally, vacuums are created in the openings 14 which further create adhesion between the hand of the user and handle of the club through the glove thereby creating double adhesion between the glove and the handle of the club and thereby rendering the possibility of slippage between the hand and the handle of the club practicaly negligible and practically eliminating a "slice" or a "hook." Openings similar to those above described are also preferably provided in the palms of the fingers. I have shown at 15 an annular member surrounding one of the openings 13 in the first finger of the glove. It will be understood, however, that the annular members may be dispensed with, if desired, the fingers in which case being provided with plain openings.

Fig. 4 illustrates the supplementary openings 14A in the lining of the glove as hexagonal in form, although it will, of course be understood that they may be of any desired contour.

It will, of course, be understood that my invention is equally applicable to a full-fingered glove as shown, or to a short fingered glove in which the ends of the fingers and/or the thumb are cut away.

Hence, while I have described my invention in its preferred embodiments, it is to be understood that the words which I have used are words of description and not of limitation and that changes within the purview of the appended claims may be made without departing from the true scope and spirit of my invention in its broader aspects.

What I claim is:

A glove comprising a palm portion and a back portion said palm portion of said glove comprising two layers of material secured together and provided with first openings extending through both of said layers, said inner layer only being provided with second openings offset from said first openings.

EDWARD H. PATTERSON, JR.