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(72) Inventors:
• **Lee, Hsiang-Chen**
Ju-Kang St., Taipei (TW)
• **Lee, Jung-Yao**
Taitung St., Taiwan (TW)

(71) Applicants:
• **Lee, Hsiang-Chen**
Ju-Kang St., Taipei (TW)
• **Lee, Jung-Yao**
Taitung St., Taiwan (TW)

(74) Representative:
Grünecker, Kinkeldey,
Stockmair & Schwanhäusser
Anwaltssozietät
Maximilianstrasse 58
80538 München (DE)

(54) **Golf glove with ribs**

(57) A golf glove with a plurality of spaced ribs (31,32,33,34,35) formed on the palm side of the golf glove is disclosed. Each rib closely contacts with the golf club and is substantially parallel to the longitudinal axis of the golf club when in use, so that the golfer can hold the golf club correctly. Further, the golfer can grip the golf club steadily without slipping even under wet condition.

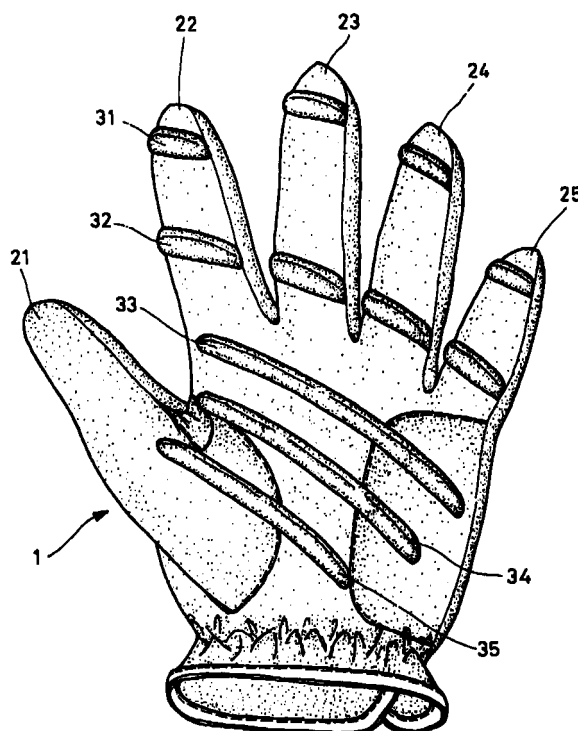


Fig.1

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Description

BACKGROUND OF THE INVENTION

1. FIELD OF THE INVENTION

[0001] This invention relates to an improved structure for golf glove, and more particularly to a golf glove provided with a plurality of spaced ribs on the palm side of the glove. By means of the ribs, the golfer can hold the golf club steadily and correctly. The ribs are also helpful to prevent the golf club slipping from the golfer's hand.

2. DESCRIPTION OF THE PRIOR ART

[0002] Golf is a very popular sport nowadays. In addition to the sport, various benefits can be achieved by playing golf, such as relaxation. When playing golf, golf glove is one of essential outfits. However, it is found that the conventional golf glove merely aims to provide impact buffer between golfer's hand and the golf club when striking a golf ball. No other function has been seriously considered. To a golf beginner, how to hold the golf club correctly is very important. To an experienced golfer, how to hold the golf club steadily to preventing the golf club slipping is important to play the game well. Various reasons may cause the golf club slipping from golfer's hand, such as rain or sweat.

[0003] Thus, it is desirable to provide an improved golf glove which is capable of overcoming the above problems of the prior art.

SUMMARY OF THE INVENTION

[0004] Consequently, it is a primary object of the present invention to provide a golf glove with a plurality of spaced ribs on the palm side of the glove. By means of the ribs, the golfer can hold the golf club correctly.

[0005] The other object of the present invention is to provide a golf glove with rib structure capable of preventing the golf club slipping from golfer's hand. So, the golfer may hold the golf club securely and steadily even in a wet condition.

[0006] To further understand the present invention, reference is made to the following detailed description of a preferred embodiment of the present invention, as well as the attached drawings, wherein:

BRIEF DESCRIPTION OF THE DRAWING

[0007]

Fig. 1 is a perspective view showing the golf glove in accordance with the present invention;

Fig. 2 is a schematic cross-sectional view of the present invention, illustrating that

the ribs formed on the palm side of the golf glove of the present invention contact with the golf club when a golfer hold the golf club; and

5 Figs. 3A to 3D are fragmentary cross-sectional views illustrating the ribs of the present invention may be in various forms.

10 DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0008] With reference to Fig. 1, it shows that a golf glove 1 of the present invention is provided with a plurality of transverse ribs formed on the palm side of the glove. The ribs are spaced from each other and located on a suitable position on the glove so as to facilitate the gripping of a golf club for the user.

[0009] In a preferred embodiment of the present invention, the golf glove is provided with five ribs arranged on the palm surface of the glove. A first rib row 31 is arranged at tipper section of the index finger 22, the middle finger 23, the third finger 24, and the fourth finger 25 respectively. A second rib row 32 is arranged at lower section of the index finger 22, the middle finger 23, the third finger 24, and the fourth finger 25, near the palm portion of the glove. A third rib row 33 is formed across the upper portion of the palm surface. A fourth rib row 34 is formed across at a middle portion of the palm surface. A fifth rib row 35 formed across at a lower portion of the palm surface with an end extending to the second knuckle portion of the thumb 21.

[0010] When in use, each rib is substantially parallel to the longitudinal axis of the golf club, as shown in Fig.2. In addition, each rib on the palm side of the glove closely contacts with the golf club. The golfer thus may hold the golf club steadily and correctly. It is also helpful to prevent the golf club slipping from the golfer's hand when the glove is damp because of his sweat in sunny day or wet in rainy day.

[0011] Figs. 3A through 3D show various preferable rib forms in accordance with the present invention. Fig. 3A shows the rib may be in a form of convex type rib. Fig. 3B shows the rib may be in a form of triangle type rib with a smooth tip. Fig. 3C shows the rib may be in a form of rectangular type rib with smooth edges. Fig. 3D shows the rib may be in a form of slant triangle type rib.

[0012] It is to be understood that the above description and drawings are only used for illustrating some embodiments of the present invention, not intended to limit the scope thereof. Any variation and derivation from the above description and drawings should be included in the scope of the present invention.

55 Claims

1. A golf glove with rib structure formed on a palm side of the glove, characterized in that the rib structure

comprises a first rib row arranged at upper section of the index finger, the middle finger, the third finger, and the fourth finger of the glove, a second rib row arranged at lower section of the index finger, the middle finger, the third finger, and the fourth finger of the glove, a third rib row formed across the upper portion of the palm surface, a fourth rib row formed across at a middle portion of the palm surface, a fifth rib row formed across at a lower portion of the palm surface.

2. The golf glove as claimed in claim 1, wherein each of the ribs formed on the palm side of the glove is substantially parallel to the longitudinal axis of the golf club when in use.
3. The golf glove as claimed in claim 1, wherein each of the ribs is in a form of convex type rib.
4. The golf glove as claimed in claim 1, wherein each of the ribs is in a form of triangle type rib.
5. The golf glove as claimed in claim 1, wherein each of the ribs is in a form of rectangular type rib with smooth edges
6. The golf glove as claimed in claim 1, wherein each of the ribs is in a form of slant triangle type rib.

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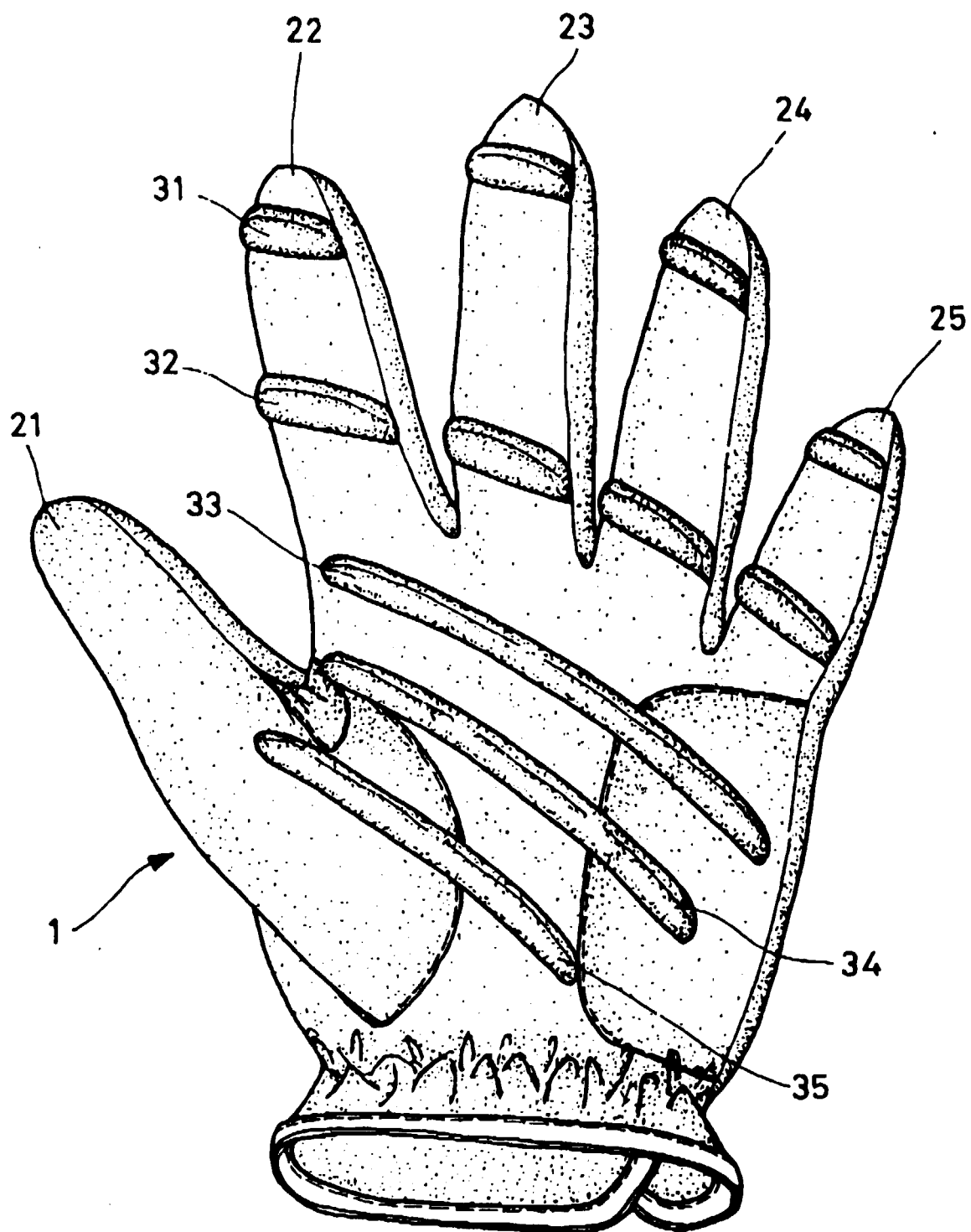


Fig.1

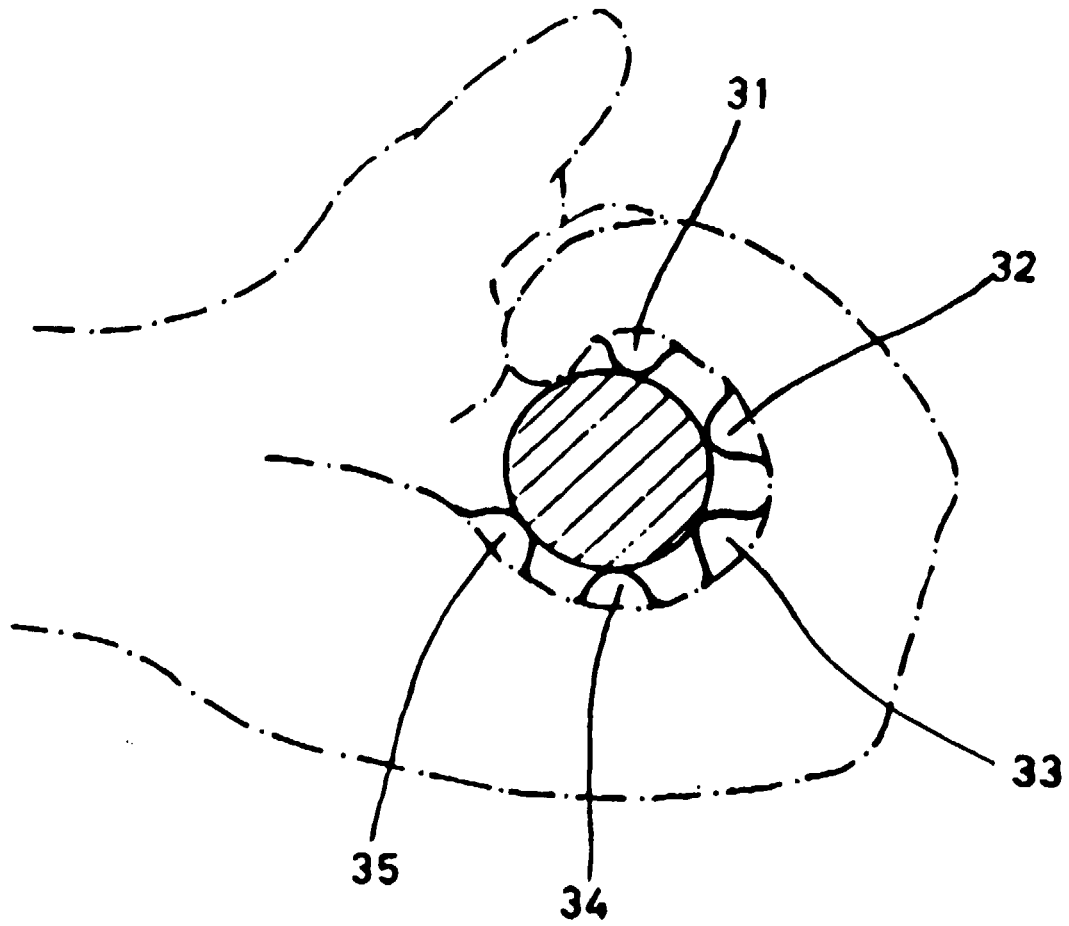


Fig.2

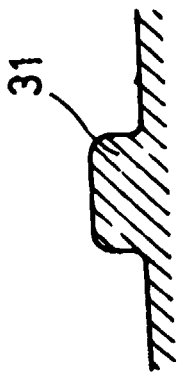


Fig.3A



Fig.3B



Fig.3C



Fig.3D



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EUROPEAN SEARCH REPORT

Application Number
EP 98 12 0120

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	US 3 255 462 A (A. J. ANTONIOUS) 14 June 1966 * column 6, paragraph 4 - paragraph 6; figures 11,12 *	1,2,5	A41D13/10
A	US 4 000 903 A (A. P. SWANSON) 4 January 1977 * claims 1,7; figures 1-7 *	1-3	
A	US 5 390 372 A (K. HASHIMOTO) 21 February 1995		
A	US 5 511 248 A (J.D. WIDDEMER) 30 April 1996		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A41D A63B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 7 April 1999	Examiner Garnier, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 98 12 0120

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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07-04-1999

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3255462	A	14-06-1966	NONE	
US 4000903	A	04-01-1977	NONE	
US 5390372	A	21-02-1995	AU 605710 A CA 2016137 C KR 9402519 Y	17-01-1991 04-07-1995 20-04-1994
US 5511248	A	30-04-1996	NONE	