

Jan. 1, 1924.

1,479,771

G. E. S. CAMPBELL

HAND COVERING

Filed June 15, 1922

FIG. 1.

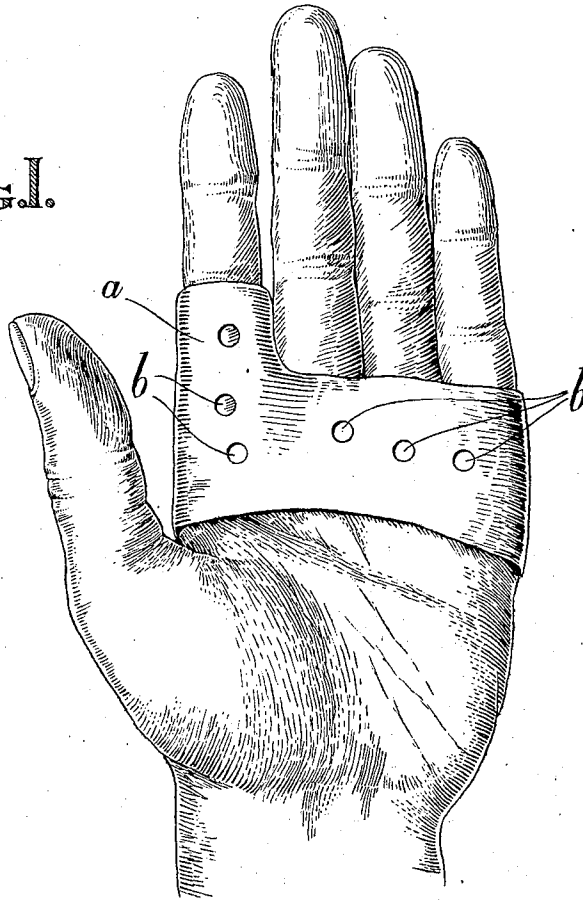
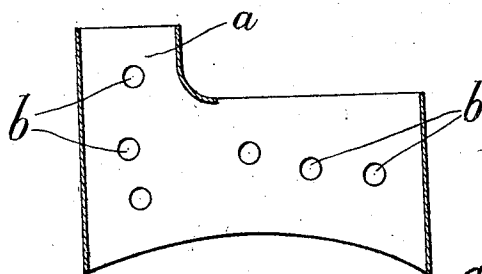


FIG. 2.



INVENTOR
G. E. S. Campbell.

By *[Signature]*
Attorney.

Patented Jan. 1, 1924.

1,479,771

UNITED STATES PATENT OFFICE.

GUY EDWARD SPENCER CAMPBELL, OF LONDON, ENGLAND.

HAND COVERING.

Application filed June 15, 1922. Serial No. 568,607.

To all whom it may concern:

Be it known that I, GUY E. S. CAMPBELL, a subject of the King of England, residing at Georgian House, Bury Street, London, Kingdom of England, have invented certain new and useful Improvements in or Relating to Hand Coverings, of which the following is a specification.

This invention relates to a hand covering for use more particularly, but not exclusively, by golfers.

In playing the game of golf, for instance, it is scarcely an exaggeration to say that no good golfer wears gloves and that those who do so would play even better if they did not wear them, owing to the sense of touch in the hands and fingers being materially lessened by the enveloping leather or material of which the gloves are composed, more especially after this leather or other material has been enlarged and become baggy through wear. However, in the case of players who do not wear gloves, blisters and callouses always develop on the hands and fingers, such blisters and callouses being most painful and unsightly.

The object of the present invention is to provide a device which may be worn by all players in order to provide against the formation of such blisters and callouses, whilst also enabling a more firm and efficient grip of the club to be obtained than in the case where gloves are worn.

According to this invention, I provide a shield or covering which is composed of india rubber or similar material and adapted to protect the most vulnerable parts of the palms or the palms and the fingers, whilst covering a very small percentage of these when in use, thereby enabling practically entire contact between the hand and the club shaft.

In order that the said invention may be clearly understood and readily carried into effect the same will now be described by way of example with reference to the accompanying drawing, in which:—

Figure 1 is an elevation of a device embodying the invention, the said device being shown applied to the hand, and

Figure 2 is a vertical section thereof, the device being shown detached.

Referring to the drawing, the device, which is composed of india rubber or similar material, as aforesaid, is so formed as to cover the back and front of the hand at a

point close to the junction of the fingers and the palm, and is provided with a finger portion *a*, or more than one finger portion, if desired, the said finger portion or portions being arranged so as not to extend beyond the first finger joint remote from the knuckle joint. The device is suitable for application both to the left hand and to the right hand, and in the example shown, is provided at each face thereof with holes or orifices *b* for the purposes hereinafter referred to.

It will be observed that the device requires no button, stud or other extraneous fastening owing to the elastic tensibility of the material employed in its construction, which thus keeps the device exactly and firmly in its place upon the vulnerable surfaces of the palms and fingers. Further, owing to the prehensile qualities of the material employed in the manufacture of the device, a firm and efficient grip of the club will be obtained. Increased security of grip is also afforded by the aforesaid holes or orifices owing to the slight vacuum created in one or more of these holes when the shaft of the club is tightly pressed against the gripping surface of the palm and finger. Owing to the elastic nature of the material employed the pressure of the shaft of the club will ensure a small but certain amount of vacuum in each orifice as the air is exhausted in it by this pressure, the flesh of the finger and the surface of the palm forming a base for each small air chamber formed by each orifice, and the pressure of the shaft of the club first of all exhausting the air in this air chamber and thereafter effecting the sealing of the said air chamber. The holes or orifices also provide for ventilation.

What I claim is:—

1. A shield adapted to cover the back and front of the hand in that portion immediately adjacent the juncture of the fingers and palm and in advance of the juncture of the thumb without engaging any portion of the thumb, said shield having a finger portion to encircle a finger between the knuckle joint and next adjacent finger joint.

2. A shield, comprising a narrow endless strip adapted to cover that portion of the palm immediately adjacent the juncture of the fingers and the palm and wholly in advance of a line transverse the palm from the juncture of the thumb with the palm, said

strip having a tubular extension to engage one of the fingers and of less length than the first joint of said finger.

5 3. A shield of extensible material and of endless band form and of a length to overlie a portion of the palm wholly in advance of the thumb, said strip having a tubular extension at one end and being otherwise fully open at the respective ends
10 to permit the free passage of the hand and remaining fingers.

15 4. A protector, comprising a narrow extensible strip formed to provide an endless band and extended adjacent one side edge to form a tubular projection to receive a
finger, the band when in position engaging the sides of the hand in advance of and wholly free of engagement with the thumb

and overlying that portion of the palm immediately adjacent the juncture of the fingers therewith. 20

5. A protector, comprising a narrow extensible strip formed to provide an endless band and extended adjacent one side edge to form a tubular projection to receive a
25 finger, the band when in position engaging the sides of the hand in advance of and wholly free of engagement with the thumb and overlying that portion of the palm immediately adjacent the juncture of the fingers therewith, said band being formed with
30 holes.

In testimony whereof I have hereunto signed my name.

GUY EDWARD SPENCER CAMPBELL.