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SELF-POLISHING COVER FOR GOLF CLUB HEADS

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Fig. 1

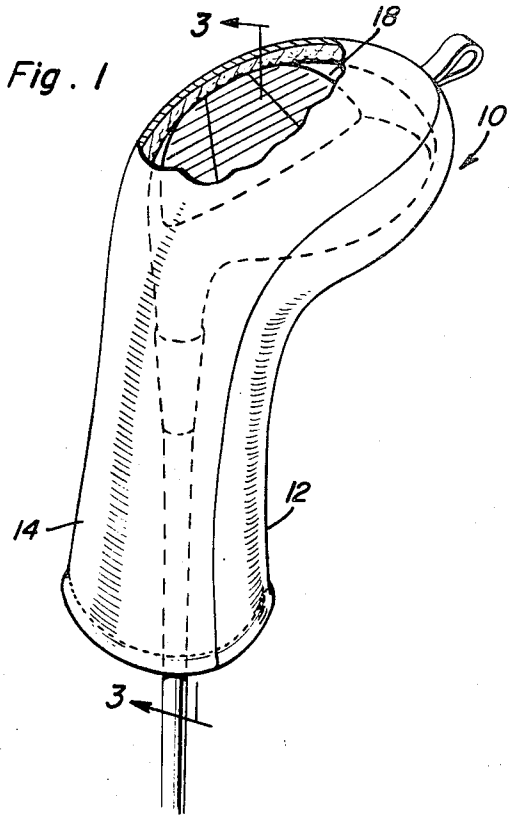


Fig. 2

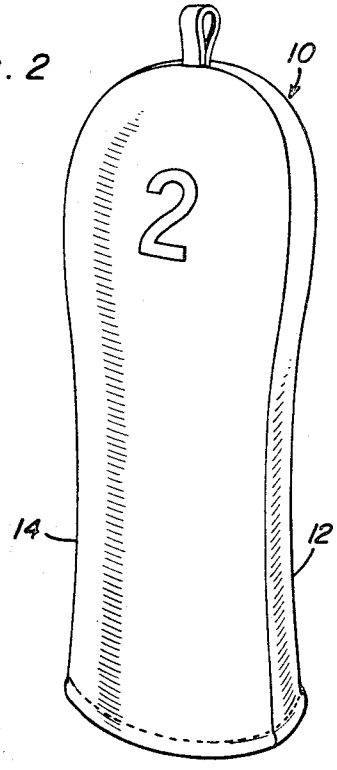
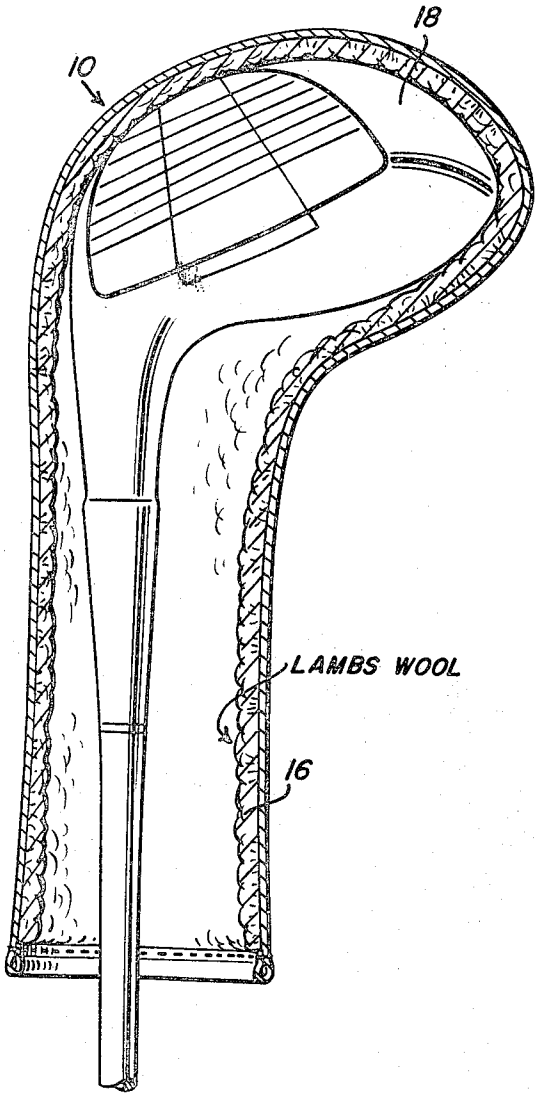


Fig. 3



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SELF-POLISHING COVER FOR GOLF CLUB HEADS

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ABSTRACT OF THE DISCLOSURE

A cover for a golf club head having an inner relatively absorbent soft lining impregnated with an organosiloxane to effect cleaning and polishing of a golf club head received within the cover. The cover is sized so as to normally engage substantial portions of the head of the golf club received therein, particularly the driving face of the club head, whereby the golf club head will be cleaned and polished by the action of removing and replacing the impregnated cover.

The present invention relates to covers of the type normally utilized to protect golf club heads and particularly those which are made of wood. More specifically, the present invention relates to the provision of a cover for a golf club head which incorporates a means for simultaneously cleaning and polishing the club heads when removing the cover from and replacing the cover on the head of the club.

The patent art is replete with covers for the heads of golf clubs which covers are constructed of both flexible and relative rigid materials. As is well known, such covers are most commonly utilized in conjunction with the golf clubs having wooden heads inasmuch as such clubs are prone to being damaged by the elements and/or impact with the clubs having metal heads.

Accordingly, it is known to provide golf club head covers of the aforementioned type with resilient inner liners adapted to soften the impact of objects coming in contact with the covered club heads. Toward this end it has been proposed to fabricate the covers from a synthetic plastic or pliable leather having a soft fabric liner such as flannel, or to construct the covers from lambskin with the wool side disposed inwardly.

Thus while it will be appreciated that movement of the cover on and off of the club head will dislodge a certain amount of loosely adherent foreign material from the club head, it will also be appreciated that such treatment is somewhat less than completely satisfactory for the proper maintenance of the finish of the club head.

It is therefore a primary object of the present invention to provide a novel cover for golf club heads which is adapted to facilitate maintenance and protection of a golf club head from both the inroads of physical impacts and deleterious substances adhering to the club head.

Another object of the present invention is to provide a self polishing cover for golf club heads adapted to simultaneously clean and polish a golf club head when the cover is placed on and withdrawn from over the club head.

A further object of the present invention is to provide a self polishing cover for golf club heads which is characterized by a relatively resilient inner surface capable of absorbing and holding a polishing composition so as to releasably retain the composition whereby the cleaning and polishing of the club head will be accomplished when placing the cover on and removing the cover from the club head.

Still another object of the invention is to provide a simple economical means of properly maintaining golf club heads without the necessity of having to periodically

take special measures to clean and polish the club heads.

These together with other objects and advantages which will become subsequently apparent reside in the incorporation of a cleaning and polishing composition in a club head cover as more fully hereinafter described and claimed reference being had to the accompanying drawings forming a part hereof, wherein like numerals refer to like parts throughout, and in which:

FIGURE 1 is a perspective view of an exemplary embodiment of a golf head club cover produced in accordance with the present invention shown in place upon the head of a golf club, a portion of the cover being broken away to show interior details of the cover and its contact with the surface of the club head;

FIGURE 2 is a plan view of the golf club head cover of FIGURE 1; and

FIGURE 3 is an enlarged longitudinal sectional view of the exemplary embodiment of FIGURE 1 taken substantially along the plane of the line 3—3 of FIGURE 1.

Referring now particularly to the drawings it will be seen that in the exemplary embodiment **10** of the self polishing golf club head cover illustrated the cover **10** comprises two sections **12** and **14** of lamb's hide wherein the wool layer **16** is disposed inwardly.

It will be appreciated of course that for purposes of illustration only the cover **10** is constructed of lamb's hide, and it will thus be understood that it may also be constructed of numerous other leather, synthetic plastic or textile materials preferably of a generally moisture impervious nature. Furthermore, the prime requisite of the interiorly disposed layer or liner **16** is that it be capable of absorbing and holding a cleaning and polishing composition in a manner so as to releasably retain the composition and thus facilitate treatment of the club head over a prolonged period and through numerous cycles of placing the covering on the head of a golf club such as indicated at **18**.

Accordingly, the resilient absorbent material **16** in addition of being of wool may also comprise rabbit fur, animal or vegetable felt, flocked textiles or the like.

The sections **12** and **14** of the cover **10**, in the embodiment illustrated, are sewn or adhesively secured although it will be appreciated that the cover could be molded as an integral unit with a resilient, absorbent interior liner in one instance or formed with the resilient surface externally disposed and then inverted so as to place the resilient absorbent liner **16** within the interior of the cover **10**.

The resilient, absorbent liner **16** is impregnated with a cleaning and polishing composition which is preferably of a relatively non-volatile nature. A cleaning and polishing composition which has been found suitable for the practice of the present invention comprises a product marketed by Armco Chemical Co., Inc. under the designation GC 100. The composition is understood to comprise on the basis of parts by weight of approximately 3.5 parts of a 15% wax emulsion distributed by the Concord Company, 8 parts of a 35% silicone emulsion designation SM–2033 distributed by the General Electric Company, 3 parts of a 35% silicone emulsion designation SM–2035 distributed by the General Electric Company, .5 part of a 70% solid content resin designation DF–103 distributed by the General Electric Company and 1.5 parts of wax No. 5 distributed by the Hoechest Company. The cleaning and polishing emulsion may be applied to the absorbent resilient inner liner **16** by means of spraying, dipping or other means of application, for example, as long as it is done in such a manner so as to liberally impregnate the absorbent liner **16** without having a non-absorbed surplus of the cleaning and polishing composition ooze therefrom.

It will be appreciated of course that the cleaning and

polishing composition set forth hereinabove is merely exemplary and that a golf club head cover may be made in accordance with the present invention by utilizing numerous other suitable cleaning and polishing compositions.

Although the use of the golf club head cover **10** of the present invention is considered to be obvious from the foregoing it will nevertheless be understood that in order to clean and polish golf club heads such as the club **18**, which comprises a No. 2 wood for example, the cover **10** having the resilient absorbent inner liner **16** impregnated with a suitable cleaning and polishing composition is in the course of a golf game slipped on and off of the head of the club and thus the frictional engagement of the inner liner **16** with the outer surface of the club **18** and the deposition of and working of the polishing composition on the surface of the club **18** will accordingly clean and polish the club head.

It will be understood that from time to time it may be necessary to launder or dry clean the club head cover after which the cleaning and polishing composition may be replenished by once again applying a suitable amount to the resilient absorbent inner liner **16**.

It will therefore be seen that the several objects of the present invention have been satisfied and that there has been provided a simple efficient means of protecting and maintaining golf club heads without having to resort to the bothersome chore of periodically cleaning and polishing the club heads.

The foregoing is considered as illustrative only of the principles of the invention. Further, since numerous modifications and changes will readily occur to those skilled in the art, it is not desired to limit the invention to the

exact construction shown and polishing composition described, and accordingly all suitable modifications and equivalents may be resorted to, falling within the scope of the invention as claimed.

What is claimed as new is as follows:

1. A readily removable cover for the head of a golf club, comprising a bag-like member, said cover having a coextending inner surface lining characterized as a resilient absorbent fibrous material for absorbing and releasably holding a cleaning and polishing composition, said bag being sized so as to normally place said lining in contact with substantially the entire exterior surface of a golf club head to be received therein and treated thereby, a relatively non-volatile cleaning and polishing composition carried by said absorbent material whereby the golf club head will be cleaned and polished by the action of removing and replacing said cover on the golf club head, and said cleaning and polishing composition comprising a major proportion of a silicone fluid component.

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