April 14, 1959 D. E. HOTTLE 2,881,648

SPANNER WRENCH

Filed June 28, 1957

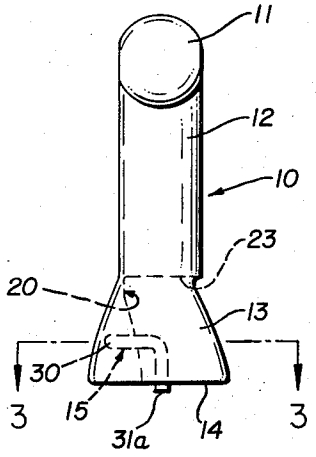


FIG. 1

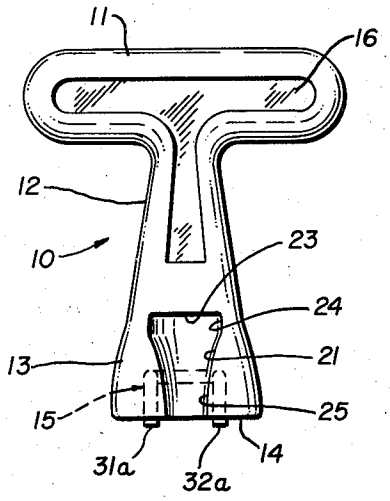


FIG. 2

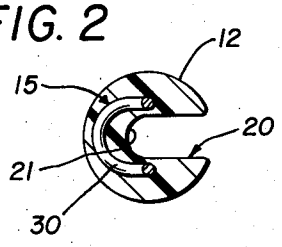


FIG. 3

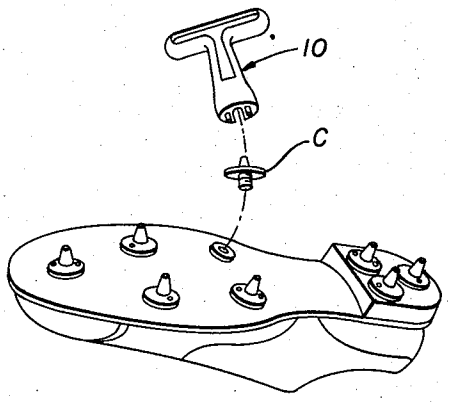


FIG. 5

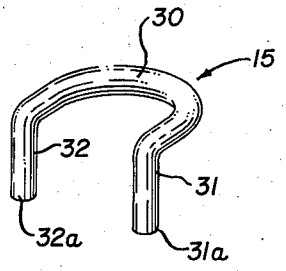


FIG. 4

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Application June 28, 1957, Serial No. 668,815

3 Claims. (Cl. 81—90)

This invention relates to golfing accessories, and in particular, relates to a golfing accessory that is capable of performing the dual function of setting a tee and tightening a golf cleat of the type normally provided on a golfer's shoe.

In co-pending application Serial No. 514,083, of Dwight E. Hottle, filed June 8, 1955, for Golfing Accessory for Positioning Golf Tee, and now U.S. Patent 2,801,852 there was disclosed an improved type of golfing accessory of the type above described. In this accessory, there was provided a unitary body that had a blind bore extending inwardly from one ground or cleat engaging end and which also had a slotted side wall to accommodate and facilitate reception of the tee within this blind bore. In addition, this co-pending application also disclosed the use of pin members that were provided in the ground or cleat engaging end surface of the accessory tool so that upon tightening of the handle that a turning or tightening action could be effectuated upon the cleats of the shoes of a golfer.

While the above type of buffing accessory has been found to be generally satisfactory in usage, it has been found that in use as a wrench for tightening the cleats, that the pin members being embedded in the plastic material that forms the body, oftentimes break upon the application of extreme turning force by the user. Specifically, it has been found that since these pins are disposed in the region surrounding the blind bore within which the cleat may be received, that the same are separated from the blind bore by a relatively thin wall section, which, upon application of extreme turning force by the user, tends to break or otherwise give way to thus permit the pin to fall out with the result that the tightening function of the wrench is prematurely destroyed, although the same will still possess utility as a tee-setting device.

It has been found that if the individual pin structure of the above referred-to co-pending application is replaced with a unitary pin member, that includes projecting pins that are interconnected by an arcuate member, that improved results will occur in view of the fact that the arcuate member, as well as the shank end of the pin, will at all times be embedded within the body material so as to provide additional surfaces and points of support for the projecting ends of the pins during use as a wrench.

It accordingly becomes a principal object of this invention to provide an improved type of golfing accessory that has a combined usage as a tee-setter and a golfing wrench, and further characterized by the fact that the same is adaptable to withstanding higher applications of turning torque when in use as a wrench.

It is a still further object of this invention to provide an improved golfing accessory of the type described that is characterized by extreme ruggedness of the wrench feature thereof, and further characterized by the fact that the unitary pin assembly portion can be inexpensively and accurately positioned with respect to the body of the golfing accessory with a minimum amount of difficulty.

These and other objects of the invention will become more apparent upon a reading of the following brief specification, considered and interpreted in the light of the accompanying drawings.

In the drawings:

Figure 1 is an end elevation of the improved golfing accessory.

Figure 2 is a front elevation thereof.

Figure 3 is a view taken on the lines 3, 3 of Figure 1.

Figure 4 is a perspective view of the improved pin unit.

Figure 5 is a perspective view illustrating the removal of a cleat by use of the improved golfing accessory.

Referring now to the drawings and in particular to Figures 1 through 3 thereof, the improved tee-holder, generally designated by the numeral **10**, is shown as being defined by a gripping handle **11** and a circular body portion **12** that joins with the gripping handle **11** so as to form therewith a tee-shaped holder **10**; the arrangement being such that an enlarged portion **13** defines a ground or cleat-engaging surface **14**, with the pin unit **15** being capable of coaction with the golf cleat C as shown in Figure 5, so that removal or tightening of the cleat C may be effectuated upon turning of the handle **11**. Also, and as best shown in Figure 2 of the drawings, the one face of the accessory **10** may be provided with an undercut area indicated generally by the numeral **16**, within which advertising medium or other descriptive lettering may be placed.

For the purpose of receiving a golf tee, the body portion **12** includes an elongated tapering slot **20** that extends inwardly from the outer surface of the body portion **12** to provide a complementally shaped recess for the golf tee (not shown).

To the end of effectuating complemental relationship between the slot **20** and the golf tee T, the slot **20**, best illustrated in Figure 2 and Figure 3, is shown leading into a blind bore indicated generally by the numeral **21** and extending axially inwardly of the body portion **12** from the end surface **14** to an internal end surface **23**, with the sidewall portion of the bore **21** being tapered in complemental relationship to an outlined configuration of a golf tee so that portion **24** of slot **21** may accommodate the head of the tee while the shank or the lower portion of the tee may be received within the portion **25**.

It is to be understood in this regard that slot **20** leads directly into the bore **21** with this relationship best being shown in Figure 3 of the drawings, and in this manner, the tee can be passed through the slot **20** for positioning and retention within the bore **21** as has been previously described and explained in connection with the above referred-to co-pending application.

Referring next to Figure 4 for a detailed consideration of the pin unit **15**, it will be seen that the same includes a unitary body having an arcuate section **30** that connects at its arcuate end with pin portions **31** and **32**; the arrangement being such that the ends **31***a* and **32***a* of the pin segments **31** and **32** respectively, project beyond the surface **14** as is clearly shown in Figures 1 and 2 of the drawings, while the arcuate portion **30** encircles the bore **21** as shown in Figures 1, 2 and 3 of the drawings. Preferably, the pin unit **15** is made of formed steel and as will be noted in the preferred embodiment illustrated in the drawings, the same is arranged so that the pin portions **31** and **32** extend axially of the body portion **12** on opposite sides of the bore **21**, while the arcuate portion **30** is disposed in a condition of encirclement with respect to the bore **21**, as well as being disposed in substantial parallelism to the end surface **14**.

In use or operation of the improved accessory as a tee-setting device, it is believed apparent that the tee will be

passed through slot **20** for reception in bore **21**, at which time the hand of the user may be placed over the slot **20** and the tee positioned by merely applying axial force on the body portion **12** which will cause the tee to be set in the manner that is fully described in the above referred-to co-pending application.

When it is desired to use the golfing accessory as a wrench for tightening the cleats in the manner shown in Figure 5, it is believed apparent that the same will have the end surface **14** applied over the cleat C with the actual cleat portion thereof being received in the bore **21** while the opening apertures of the cleat (not shown) will receive the projecting ends **31***a* and **32***a* of the pin unit **15**. At this time, upon application of turning force to the handle portion **11**, the cleat may be tightened or loosened as desired.

It will be seen from the foregoing that there has been provided a new and novel type of golfing accessory characterized by the fact that the same is capable of a multiplicity of uses to the average golfer.

It has been shown how the provision of the unitary type of pin member greatly enhances the lasting qualities of the golfing accessory, since the same is less susceptible to breakage or premature destruction due to abnormal usage.

While a full and complete disclosure of the invention has been set forth in accordance with the dictates of the patent statutes, it is not intended that the invention be so limited.

Accordingly, modifications of the invention may be resorted to without departing from the spirit hereof or the scope of the appended claims.

This application is a continuation-in-part of co-pending application of Dwight E. Hottle, Serial No. 514,083, filed June 8, 1955, for Golfing Accessory for Positioning Golf Tee and now U.S. Patent 2,801,852.

I claim:

1. A golf wrench for use on golf shoe cleats, comprising; an elongate plastic body having a handle end and an opposed cleat-engaging end having a blind bore extending inwardly therefrom; a pin unit embedded in said body and having only end portions of opposed pins projecting from said cleat-engaging end on opposite sides of said blind bore; said opposed pins being interconnected by an arcuate arm disposed substantially parallel to said cleat-engaging end and encircling a portion of said blind bore.

2. A golf wrench for use on golf shoe cleats, comprising; an elongate plastic body having a handle end and an opposed cleat-engaging end having a blind bore extending inwardly therefrom; a pin unit embedded in said body and having only end portions of opposed pins projecting from said cleat-engaging end on opposite sides of said blind bore; said opposed pins being interconnected by an arcuate arm disposed substantially parallel to said cleat-engaging end and encircling a portion of said blind bore; said cleat-engaging surface being concave; said pins projecting from said concave surface to a point beyond said cleat-engaging end.

3. A golf wrench for use on golf shoe cleats, comprising; an elongate plastic body having a handle end and an opposed cleat-engaging end having a blind bore extending inwardly therefrom; a pin unit embedded in said body and having only end portions of opposed pins projecting from said cleat-engaging end on opposite sides of said blind bore; said opposed pins being interconnected by an arcuate arm disposed substantially parallel to said cleat-engaging end and encircling a portion of said blind bore; said arcuate arm being disposed at right angles to said pin members.

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