June 3, 1924. 1,496,424

A. W. McCOY, SR

GOLF REGISTER

Filed Sept. 19, 1922

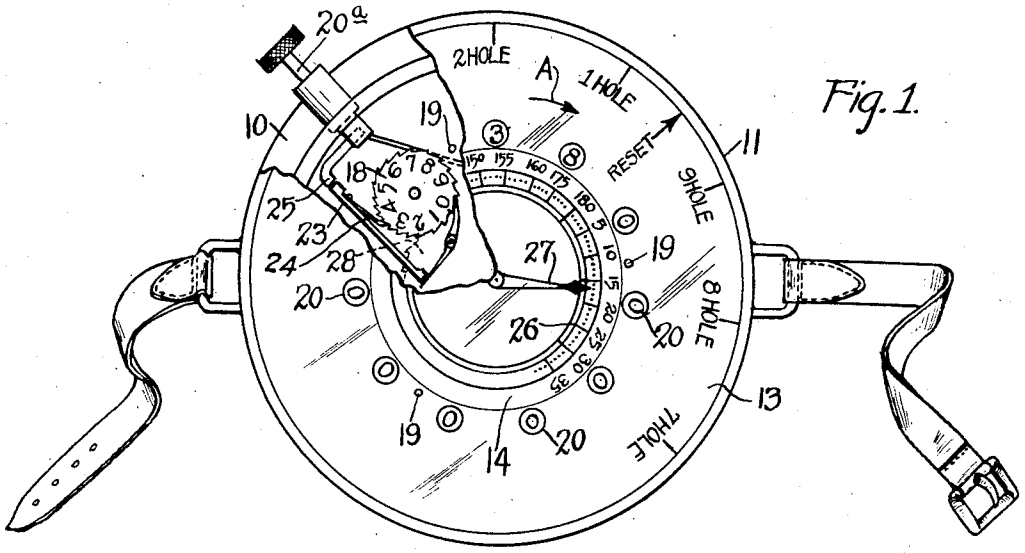


Fig. 1.

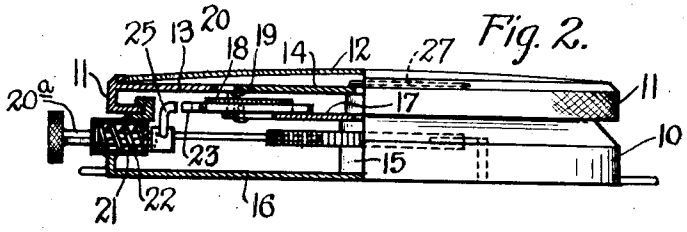


Fig. 2.

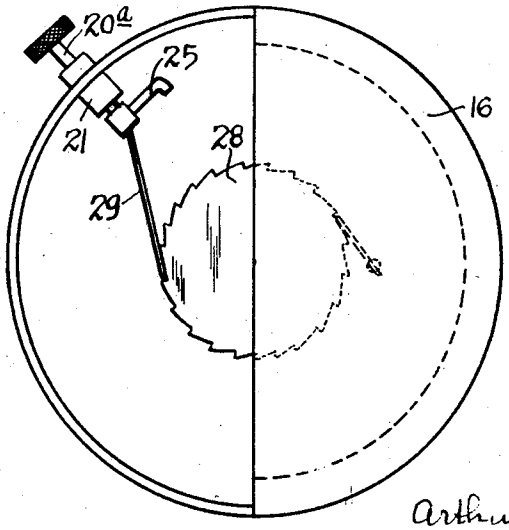


Fig. 3.

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UNITED STATES PATENT OFFICE.

ARTHUR W. McCOY, SR., OF FLUSHING, NEW YORK.

GOLF REGISTER.

Application filed September 19, 1922. Serial No. 589,042.

To all whom it may concern:

Be it known that I, ARTHUR WILLIAMS McCOY, Sr., a citizen of the United States of America, residing at Flushing, Queens County, State of New York, have invented certain new and useful Improvements in Golf Registers, of which the following is a specification.

This invention relates to registering devices and in particular to a type used in tallying the various stages of progress in the game of golf.

A particular object of the invention is to provide a registering device which can be worn on the wrist of the player so that each stroke may be conveniently registered without loss of time. Another object of the invention is to provide a meter upon which can be registered the number of strokes necessary in driving a ball between any two holes and also the total number of strokes in the entire game or in any stage of the play. A further object is to provide a meter which will have few parts; can therefore be cheaply manufactured and which will stand rough usage.

Referring to the drawings,

Fig. 1 is an enlarged face view of my meter, having a sufficient portion thereof broken away to illustrate the interior mechanism necessary to the operation of one of the tally wheels;

Fig. 2 is an elevation, partly in section, of the meter as seen in Fig. 2; and

Fig. 3 is a bottom view of the meter as seen in Fig. 1, a part of the lower wall being broken away to show the operation of the totalizing ratchet wheel.

Referring to the drawings in detail, 10 denotes the lower or stationary portion of the meter case, into the upper part of which is suitably dovetailed the revolvable cover or dial 11. A crystal 12 is suitably held in the cover to prevent dirt from entering the works of the meter.

Referring particularly to Figs. 1 and 2, it will be noted that the cover comprises in its entirety two portions, an outer revolvable part 13 and a central stationary part 14. Supported upon a central column 15 between the bottom 16 and said stationary part 14, is a circular plate 17 around the outer edge of which are pivotally mounted the serrated-edged registering dials 18. These dials may be stamped out of metal and have the numbers 0 to 9 impressed therein, the numbers being filled with enamel in order to make them more easily read. The plate 17 is connected with the movable part 13 of the cover, by the pins 19 and revolves therewith. In the part 13 of the cover there are located openings 20 which are disposed to show the figures on the dials 18. The openings each correspond with a graduation on the outer edge of the part 13 and the graduations are marked with a number of holes from one to nine, or one to eighteen. The nine hole registering device is shown in the drawing for convenience of illustration. Starting from the "reset"and turning the cover in the direction indicated by arrow "A," the dials are brought consecutively into position to be operated upon by a square shanked punch key 20^a which passes through a box 21 fixed in the side of the lower portion 10 of the meter. The key operates against the action of a spring 22 enclosed in said box 21 and is maintained thereby in its outwardly projected position. Mounted upon the plate 17, adjacent each dial 18 is a ratchet bar 23 to which is secured a spring arm 24 which engages the teeth of the dial and revolves the dial one number for each stroke of the bar. The bar has suitable pin and slot connection with plate 17. When the plate 17 revolves, it carries each of the bars 23 consecutively into position in front of an extension 25 on the operating key 20^a, so that when the key is depressed, the dial is operated which at that time is adjacent the key. The operation takes place only when any one of the peripheral marks denoting holes is placed over the key 20^a. It can be seen then that, as the game progresses, the number of strokes made in reaching each hole is registered on the dial corresponding to the number of the hole. The total number of strokes during the game, or as registered on all the dials collectively is totalized on a central dial 26, the hand 27 of which is operated by a ratchet wheel 28 disposed beneath the revolvable plate 17 and operated upon by a spring arm 29 which has suitable connection with key 20^a. Each ratchet is limited in its movement by a suitable pawl. The cover has associated therewith, not shown, any common form of snap arrangement so that each hole indicating mark may be detained at the proper point in relation to the key 20^a for operation of its respective dial. A resetting device is embodied in the meter of the usual type found in stop watches and the like for

allowing the dials and hand 27 to return to their zero position. It will be noted that when a game is started the "1 hole" mark is over the key 20^a and for each stroke made the key is pressed, thus registering the number of strokes necessary to make the hole. Each successive hole is registered similarly and in the interim the totalizer records the sum of all the strokes made. The meter is provided with suitable straps which are stapled thereto for the purpose of attaching the meter to the player's wrist. The periphery of the movable part 13 of the cover is knurled for allowing a better grip of the fingers thereon.

What I desire to secure by Letters Patent is:—

1. A registering device for use in the game of golf comprising a movable member having openings therein and delineations adjacent thereto, a plurality of dials on said movable portion one of which is disposed beneath each of said openings, a totalizing element within said dials, a key member adapted to be depressed, a spring arm on said key for operating said totalizing element, and a finger on said key for operating said dials singly, the finger and the spring arm being operated simultaneously to cause a registering movement of one of the dials and the totalizing element.

2. A registering device comprising a casing having a stationary bottom and a rotatable top, a plurality of dials associated therewith and revolvably mounted within said casing, a stationary dial, a pointer adapted to move over said dial, means for actuating said pointer, means for actuating said revolvable dials one at a time when positioned for individual actuation by the rotation of said rotatable casing top, and means associated with said last mentioned actuating means for operating said pointer actuating means.

3. A registering device comprising a revolvable portion having a plurality of circumferentially spaced openings therein, a plurality of circumferentially spaced registering units carried by said revolvable portion, one of said registering units being visible through each of the openings in said revolvable portion, a stationary portion disposed within the inner circumference of said revolvable portion and constituting a totalizer dial, a totalizer pointer rotatably mounted in said stationary portion, circumferentially fixed means for operating said registering units one at a time when presented for operation by rotation of said revolvable portion, and means for simultaneously rotating said totalizer pointer.

ARTHUR W. McCOY, Sr.