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STEEL POWER-CENTER GOLF BALL

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FIG. 1

FIG. 2

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This invention relates to a golf ball and more particularly to a golf ball having a novel type center, designed to give the ball a longer and more stable course in the air and on the ground. This application is a continuation-in-part of my application Serial Number 616,297, filed October 16, 1956, and since abandoned, for a patent on a "Power-Center Golf Ball."

Heretofore, the conventional golf ball consisted of a spherical capsule containing liquid forming the core of the ball. The core was encased in a thick-walled solid rubber spherical casing. The rubber casing was then wrapped with rubber thread and encased in a tough outer core of a rubber compound. According to United States Golf Association Rules, the maximum weight of the golf ball is 152.5 grams (5.5 ounces) and its minimum diameter is 168.64 millimeters (6.625 inches).

One object of this invention is to provide a golf ball having more accuracy and stability in flight, bounce and roll, and an increased range.

Another object is to provide a golf ball having a reduced tendency to slice or hook.

A further object of this invention is to provide a golf ball which will maintain its spherical shape during use throughout its life and can never be knocked out of round, in contrast with other golf balls heretofore known, which in use are soon knocked out of round.

Still another object is to provide a golf ball having a core approximately four times heavier than the conventional liquid capsule core now in use.

A still further object of this invention is to provide a golf ball having a core consisting of a solid sphere of tempered spring steel.

Other objects and advantages of the invention will be apparent from the following description, taken in conjunction with the drawings, in which:

Fig. 1 is a view of the outside of the golf ball made in accordance with this invention; and

Fig. 2 is a section taken along the line 2—2 of Fig. 1, with the exception of the spherical core, which is shown solid.

Referring now to the drawings in more detail, the golf ball made in accordance with this invention and generally designated 10, comprises a solid spherical core 11, preferably made of tempered spring steel. This core 11 is approximately ¾" in diameter and is about four times heavier than the core, such as a liquid or water capsule, used in conventional golf balls. The core 10 is encased in a solid rubber spherical center portion or casing 12. Wrapped around the rubber casing 12 in a manner well-known to the art, are a plurality of strands of rubber thread 13. Tightly enclosing the rubber strands...