July 1, 1958 J. M. KAHENY 2,840,842

GOLF BALL COATING DEVICE

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Fig. 1

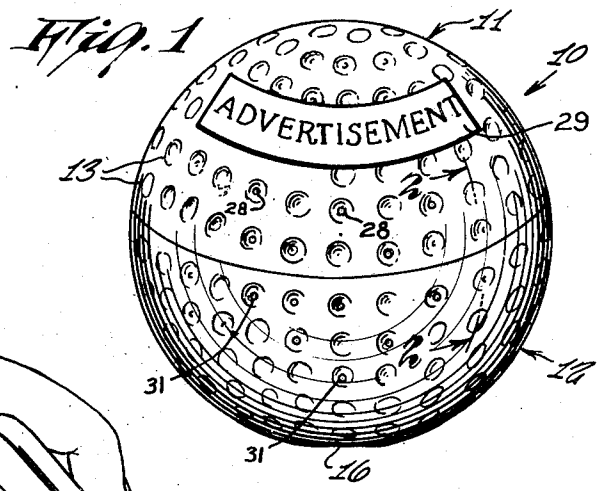


Fig. 2

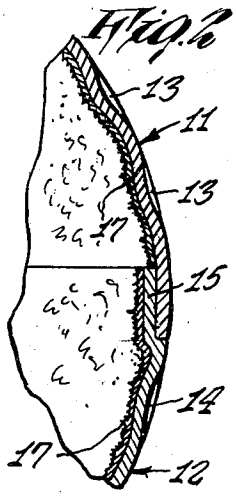
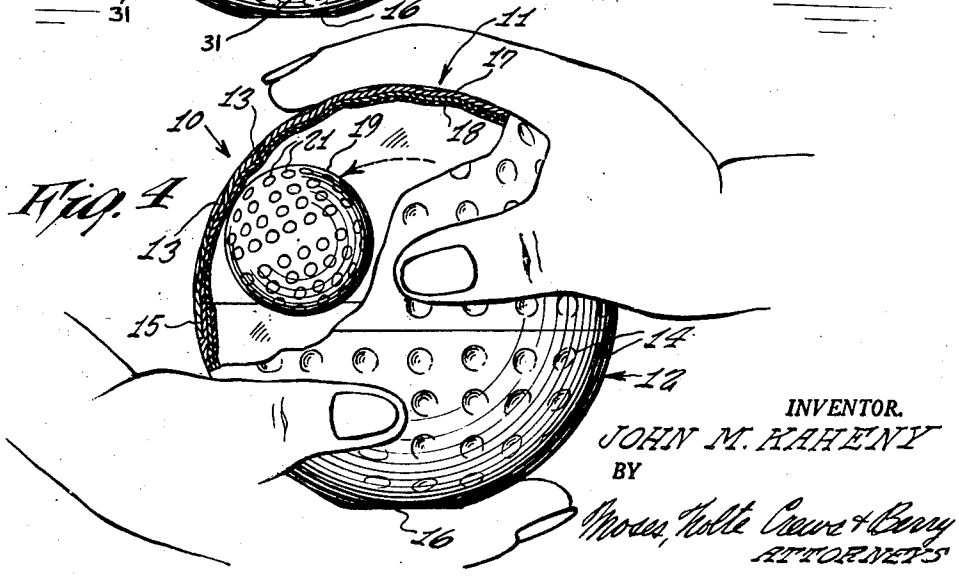


Fig. 3



Fig. 4



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6 Claims. (Cl. 15—210)

This invention relates to golf ball coating devices.

It is an object of the present invention to provide a golf ball coating device which will have the simulation of an enlarged golf ball, thereby providing a device which will be attractive as well as compact in structure.

It is another object of the present invention to provide a golf ball coating device which has the simulation of an enlarged golf ball, the device comprising two substantially identical hemispherical sections adapted to be fitted together with the golf ball therebetween and shaken, the golf ball coating material being previously applied to the inner surfaces of the hemispheres and transferred during the shaking operation to the surface of the golf ball.

It is still another object of the present invention to provide a golf ball coating device which will have the simulation of an enlarged golf ball and wherein the surfaces of the device are provided with dimples which not only simulate the dimples of a golf ball but also assist in transferring the material to the dimpled portions of the golf ball.

It is still another object of the present invention to provide a golf ball coating device of the above type which will have the simulation of an enlarged golf ball, and wherein perforations are provided in certain of the dimpled portions of the device to facilitate the drying of the coating material on the golf ball after application.

It is still another object of the present invention to provide a golf ball coating device which will have the simulation of an enlarged golf ball and which over a portion of its outer surface is adapted to contain advertising material or the like.

Other objects of the present invention are to provide a golf ball coating device bearing the above objects in mind which is of simple construction, inexpensive to manufacture, has a minimum number of parts, is easy to use and efficient in operation.

For other objects and a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawings, in which:

Figure 1 is a perspective view of a golf ball coating device embodying the features of the present invention;

Figure 2 is an enlarged fragmentary vertical sectional view taken along the line 2—2 of Fig. 1;

Figure 3 is a perspective view of the device shown disassembled and in the process of having the coating material applied to the inner surfaces thereof; and

Figure 4 is a front elevational view showing the device in operative use for coating a golf ball, shown partly broken away.

Referring now more in detail to the drawings, wherein similar reference numerals identify corresponding parts throughout the several views, there is shown a golf ball coating device, referred to collectively as 10, and including a pair of hollow hemispherical halves 11 and 12, substantially as illustrated.

The hemispherical half 11 is provided over substantially the entire surface thereof with dimples 13 for a purpose which will hereinafter become clear.

The hemispherical half 12 is similarly provided with dimples 14 over substantially the entire surface thereof and is further provided with a flat bottom portion 16 designed to prevent the device from rolling across the supporting surface. The open mouth of the hemispherical half 12 is integrally formed with an inner flange 15 which is received within the open mouth of the hemispherical half 11 (Fig. 2) in overlapping relation whereby to secure the halves 11 and 12 together in a secure but readily releasable manner.

Flock or fibrous material 17 is secured to the inner faces of the hemispherical halves 11 and 12 by means of a suitable adhesive over substantially the entire interior surfaces thereof, the flock or fibrous material 17 acting as a paint brush in a manner which will hereinafter become clear.

White coating material 18 is suitably applied to the flock 17.

In operation, the golf ball 19 to be coated is disposed between the hemispherical halves 11 and 12 and the device shaken in the manner of Fig. 4, effecting thereby a transfer of the coating material 18 to the surface of the golf ball 19 through the shaking action and through the medium of the fibrous material 17 which acts as a paint brush.

As shown in Fig. 4, the dimples 14 and 13 assist in transferring the material 18 to the golf ball 19 by forming corresponding bumps 20 at the interior of the device which fit into the corresponding dimples 21 provided in golf ball 19, effecting thereby a complete and uniform coating of the golf ball.

Several methods may be employed for applying the coating to the golf ball. For example, golf ball enamel may be placed inside the hemispheres 11 and 12 along with the golf ball 19, whereupon the device is assembled and shaken in the manner of Fig. 4 to provide, upon separating the halves 11 and 12 a golf ball completely coated and covered with the white enamel.

The coating material 18 may also be applied to the flock 17 by means of a brush 22 in the form of a paint from can 23 (Fig. 3). The paint 18 is then allowed to dry. When it is desired to coat the golf ball, a small quantity of thinner or other solvent is added prior to the insertion of the golf ball between the halves 11 and 12 and shaking.

Finally the coating 18 may be applied to the inside of the halves 11 and 12 onto flock 17 in the form of a water soluble water paint. The golf ball 19 is then washed in water and, while still wet, is placed between the halves 11 and 12 and shaken (Fig. 4).

The hemispherical half 11 may be provided with a flat surface 29 adapted to contain advertising matter or the like.

The dimples 13 and 14 are provided with perforations or vent openings 28 and 31 respectively which facilitate the drying of the coating material on the golf ball 19 prior to separation of the halves 11 and 12.

In the drawing, I have shown the preferred form of my invention embodied in a casing or container having two equal hemispherical sections secured together, but it is to be understood that the number and relative sizes of such sections may be varied and that the invention is limited in the number and sizes of such sections only to the extent indicated in the appended claims.

It should now be apparent that there has been provided a golf ball coating device which will have the simulation of an enlarged golf ball thereby providing a device which will be attractive as well as functional, the interior surface of the device being provided with fibrous material adapted to transfer the coating to the

golf ball upon the latter being placed within the device and shaken.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

What is claimed is:

1. As an article of manufacture, a substantially spherical container comprising two substantially identical sections, means for releasably securing the abutting portions of said sections together, fibrous material secured to the inner surface of said sections, golf ball coating material applied to said fibrous material whereby to coat a golf ball freely disposed intermediate said sections with said coating material when said sections are assembled and shaken said sections with said coating material when assembled defining a space substantially larger than a golf ball and means whereby said coating material is facilitated in drying after shaking the device and prior to separation of said halves.

2. As an article of manufacture, as in claim 1 wherein one of said sections being formed with a flat portion whereby to prevent the device from rolling across the supporting surface.

3. As an article of manufacture, as in claim 1, wherein at least one of said sections on the outer surface thereof being adapted to contain and provided with advertising material or the like.

4. As an article of manufacture, as in claim 1, wherein said securing means comprising overlapping flanges forming the abutting portions of said sections.

5. A device for coating golf balls comprising a substantially spherical container including two half sections, the rim of one of said half sections having a shoulder thereon for releasable engagement with the inside rim wall of the other half section, said sections over their outer surfaces being provided with dimples presenting bumps on the interior surfaces of said sections, each of said sections within certain of said dimples being provided with openings therethrough, a substantially flat bottom portion at the point most remote from the shoulder of one of said half sections for seating said container on a resting surface, and fibrous material secured to the inner surface of said half sections adapted to clean and coat golf balls.

6. As an article of manufacture, a substantially spherical container comprising two substantially hemispherical sections, the inner portion of each section being hollow, the first said section having a continuous seating surface along its inner wall near its rim, the second said section having a continuous shoulder disposed along its outer wall near its rim and integral with a band portion offset inwardly from said shoulder and terminating in a rim, said shoulder and band portion adapted to receive thereat said seating surface, said seating surface and said shoulder when in abutting relation releasably securing said hollow sections together, fibrous material secured to the inner surface of said sections, and golf ball coating material applied to said fibrous material whereby to coat a golf ball freely disposed within said sections with said coating material when said sections are assembled and shaken, said sections with said coating material when assembled defining a space substantially larger than a golf ball, said sections over their outer surface being provided with dimples whereby to impart to said container the appearance of an enlarged golf ball, said dimples presenting bumps on the interior surface of said sections, each of said sections within certain of said dimples being provided with openings therethrough whereby to facilitate the drying of said coating material on said golf ball after shaking the device and prior to separation of said halves.

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