Confidential invention Disclosure

Level Teez™ for Golf

Main problem being addressed –

Precious wood and polluting petroleum plastics are the current materials of choice for the making of literally billions of golf tees used by Golfers annually all around the globe.

Meanwhile the age-old problem of composting and/or disposing of grass and weed clippings at literally hundreds of thousands of golf courses around the world by the billions of bushels during the growing season remains an unsolved problem today.

If you golf you know that Tee off areas are often strewn with broken Teez and purists still have not adopted plastic Tees, and in some Club Houses/Pro Shops and Sports shops, wooden and or plastic petroleum-based golf tees can cost as much as 10 to 15 cents each. An avid golfer can spend in excess of US $75 per season on Golf Tee's alone!

Summary of the Solution –

After the Greens Keepers and Ground crews cut the grass at a golf course the grass and weed clippings collected are processed as described herein to form a more environmentally and Golfer friendly golf tee. Mycelium is also of worthy consideration as an added organic substance in a hybrid material design.

Three production models for the product are envisioned.

1. Processed commercially with contracts with golf courses to supply base materials, aka grass and weed clippings. Centralized production facility will accommodate global product demand and shipping.

2. A scaled down version for Golf Courses. A commercial do-it-yourself style Kit that enables the organization to produce for sale or give-away, Self-monogrammed Level Teez™ on-site. This provides for an after-market revenue stream to supply courses with materials other than their own grass and weed cuttings such as the Bio-degradable Gel Cap component and liquid binding agent including the manufacturing equipment with custom moulds.

3. A further scaled down Home Golf Tee kit. "Cut your grass on Saturday have a bag of Teez ready for Sunday morning!" An after-market kit revenue stream also consisting of Gel caps and binding agent. This small device might feature a Handle attached to a mechanically activated compress mechanism that squeezes the recipe mix much like those devices used for squeezing juice from a piece of fruit.

The examples above are to give the reader the large scale look at the potential for sales and the many markets that can be approached for manufacture and distribution, however; for demonstration purposes this document will focus on the Commercial production aspect of the invention.

How the invention is made –

The bubble level section may be made from a compostable Gel Cap like component. The body of the Level Teez™ may contain grass seed and organic materials other than grass cuttings.

If a golf course is growing Kentucky Blue grass or a Bermuda grass hybrid then Level Teez™ for that course can be custom produced to be embedded with that courses choice of seed and fertilizer.

The collected cast off organic materials (mainly grass cuttings and some weeds) are first saturated in a wash like process that causes an organic binding agent to permeate the dried material. These liquid and dry materials are mixed with the required amount of lawn seed added into the mix, and as this solution mixes it is reduced to a thick paste like substance. Once a heavy paste like substance is produced, this pliable material is injected into casted moulds where the solution is then heavily compressed, then baked and hardened.

A high-pressure hydraulic press mechanism is designed for this task and one need only load the organic materials (grass clippings) binding Agent and seeds into the hopper where it is mixed and then injected into each casted mould. Then under high pressure, this organic paste like material of combined grass cutting and seeds are compressed and formed from the casted mould into a golf tee shape with oversized and hallowed cup section. As mentioned, this sludge like paste material is compressed to remove all moisture. Hydraulic compression further causes the raw materials to bond cohesively into a single Golf Tee unit.

The Tee is moulded with a cup indentation designed to accommodate a mated soft natural Gel cap. The Gel capsule/bubble is then affixed with a natural glue, and pressed fit into the oversized cup to complete the manufacturing process.

The Gel Cap may contain water or liquid fertilizer and is designed to press fit into the over-sized cup section at the top of the Tee. The Gel cap is injected and filled not quite full of liquid fertilizer or water and then marked with a prominent circle or brand, i.e.: “LT”. The entry point for the liquid is sealed by electrical welding like methods, creating a leak proof Gel cap. This is much like how a contemporary Carpenter or Bricklayers construction level is made.

After this process the bio-degradable Gel Cap now gently pressed fit into and permanently affixed to the over-sized cup produces a finished product is then packaged in a decorative bag, preferably also made from a spin off of this organic sludge like material, and readied to be shipped to global destinations.

The hydraulic press component can also be programmed to monogram each Level Teez™ with advertisers messages and Golf course brands. i.e.: Made of natural materials at Agusta, Pebble Beach, Carnoustie Golf Links and St. Andrews in Scotland. Whatever the Producer wants to advertise. Custom monogrammed Tee’s for individuals that say Happy Birthday, It’s a Girl!, Congratulations, You’re getting Married, I’m Teed Off!, etc..

The finished product may appear as depicted in the engineering design and decorative flyer as attached to this application.

How the invention’s novelty benefits Consumers -

It is theorized that through years of observant trial-and-error research, when an amateur Golfer tees up their ball ready for a Drive, that the average Golfer places their tee on an angle - leaning back, forward, and more often than not, forward, and often sideways due to their juxtaposition when they lean down and first put their tee in the ground. Pros can pick the ball off the Tee with great accuracy and actually recommend a forward leaning Tee. But that’s for Pros.

For us amateurs, we tend to hit the Tee before the ball, hence so many busted Tees strewn about the Tee block at every hole. This action of hitting the Tee before the ball can cause the Tee to act as an unwanted directional mechanism and as the Golfer drives the ball, Tee first, the ball tends to slice or hook, often dependent on which direction their Tee was aiming on impact.

In other words, Level Teez™ can help improve your game, help straighten your drives, and serve to reduce your slice or hook while serving to also fertilize the fairways and Tee Blocks. The only trees that can be hurt using this product are the ones you'll soon hit with your ball!

Where some often fumble placing their ball on a Tee, the softer over-sized cup will enable better ball placement in the finished product., i.e.: where the golf ball meets the soft Gel cap.

The Level Teez™ has the look and feel of a wooden tee with obvious advantages. As Humans go, most simply discard their Tee after it breaks leaving it up to someone else to pick up their garbage. With Level Teez™, simply tee off, and when your Level Teez™ breaks, just walk or drive away. When next it rains, or the course is watered, the Level Teez™ quickly bio-degrades. The Gel capsule, if not broken on impact with your Driver will begin to dissolve and its liquid fertilizer (or water) contents mix with the embedded grass seed in the decaying Level Teez™ to act as a recyclable fertilizer product for the course.

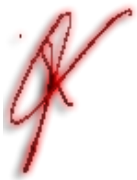
Level Teez™ replace wooden and plastic golf tees with an eco friendly compostable design.

How it all works? –

Simply place the Level Teez™ in the ground and adjust it vertically to align the bubble in the Gel Cap so that the bubble now fits inside the circle or lines up with a licensed Brand or trademark drawn on it.

Your Level Teez™ is now 90 degrees to the existing playing surface and ready for you to place your golf ball on it readied for a more consistent drive.

For licensing discussions please contact us soon!



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compostable Gel Caps,
throwaway Grass cuttings &
infused Lawn Seed
LT's feed your Fairways!©
14.6 ∅
14.6
52.1
55.4
15°
Grass Seed
Infused
4.6 ∅
Lower Costs = Lower Scores!
STRAIGHTER DRIVES
GREEN to GREEN
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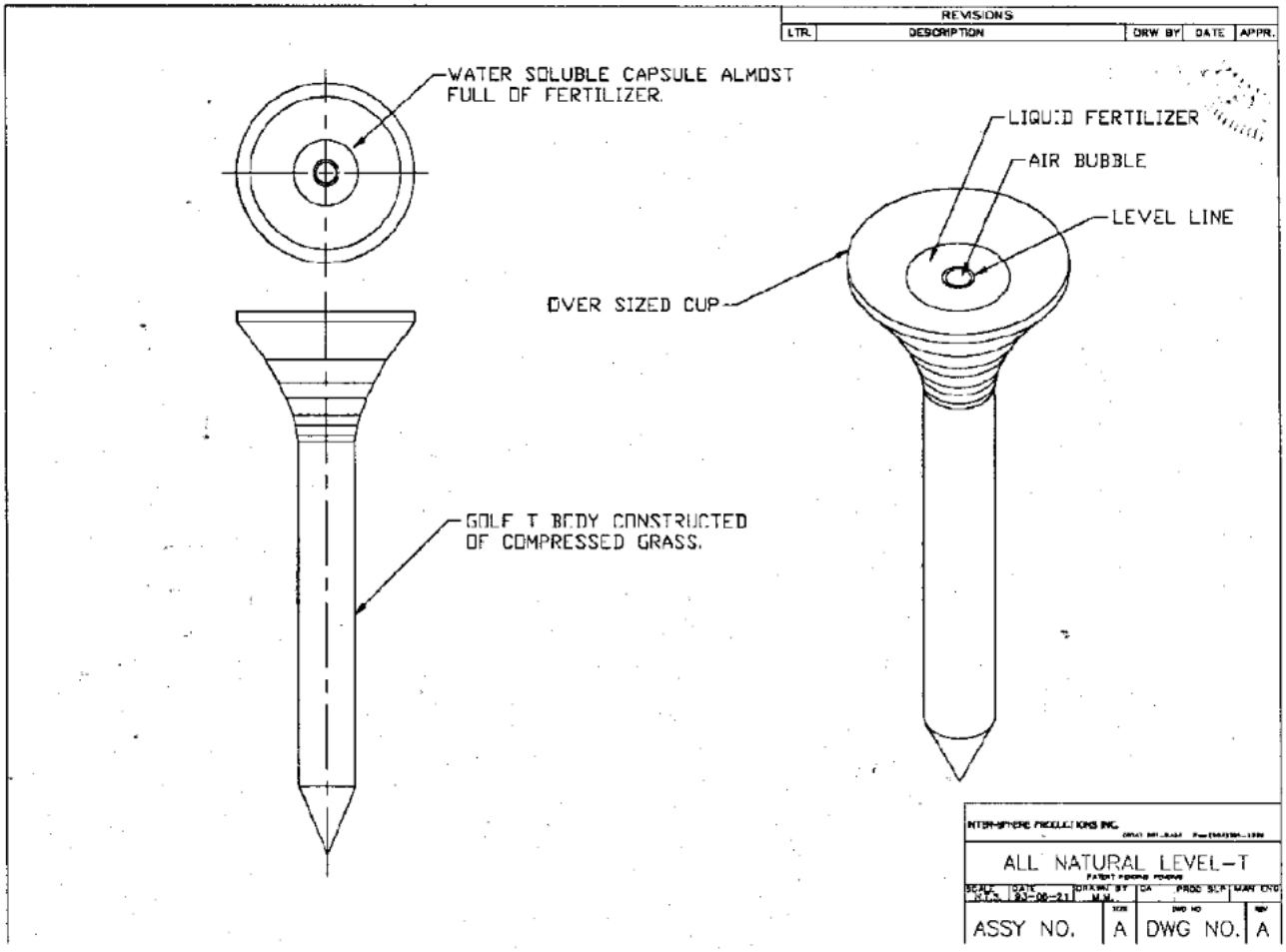
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LIQUID FERTILIZER
AIR BUBBLE
LEVEL LINE
OVER SIZED CUP
GOLF T BODY CONSTRUCTED OF COMPRESSED GRASS.
ALL NATURAL LEVEL-T
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