George F. Grant -

Son of Tudor E. Grant; Dentist; Inventor; Born in City of Oswego

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BORN IN OSWEGO.

Death of Dr. George F. Grant, a Well Known Dentist of Chester.

The Dental Cosmos, one of the leading dental papers in the country, edited by Dr. Edward C. Kird, of the University of Pennsylvania, in the January issue pays high tribute to the late Dr. George Franklin Grant, of the Harvard Dental school, who died at Chester last. August. Dr. Grant was one of the few negroes whose brilliancy of achievement in the medical line was recognized by all races, and so remarkable was his career that he was appointed to the faculty of Harvard University. He was born in this city in 1846, and when fifteen years of age he commenced the study of dentistry in the office of Dr. Albert Smith and continued there until 1867, when he removed to Boston, where he entered Harvard, being graduated cum summa laude in the class of 1870. He was the inventor of many dental devices and was the leading authority on the cleft palate treatment in the world.

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The Oswego Palladium, January 12, 1911

now prepared to do all classes | For \$10

of Bentistry at moderate prices.
Superior work done in all branches of in the State, the profession. The best material used in \$5 and \$8. set of teeth that is made Also a superior crown for

-Cor. E. 2d and Bridge Sts, over Oswego Co. Savings Bank

Upper Left: Article from The Oswego Palladium regarding Dr. Grant's obituary.

Left: Advertisement in the Daily Palladium, September 29, 1902, page 6.

Above: Photograph of Dr. George F. Grant, (public domain)

George F. Grant and the Improved Golf Tee

UNITED STATES PATENT OFFICE.

GEORGE F. GRANT, OF BOSTON, MASSACHUSETTS.

GOLF-TEE.

SPECIFICATION forming part of Letters Patent No. 638,920, dated December 12, 1899. Application fiel July 1, 1899. Serial No. 722,500. (No model.)

To all whom it may concern:

Be it known that I, GEORGE F. GRANT, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Golf-5 Tees, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings

representing like parts. This invention has for its object the production of a simple, cheap, and effective tee for use in the game of golf, obviating the use of the usual conical mounds of sand or similar material formed by the fingers of the player on which the ball is supported when driving off.

While the tee must firmly, yet lightly, sup-port the ball until hit by the player's club, the tee must be so constructed that it will not in any manner interfere with the swing or "carry through" of the club in making the 20 stroke. These requisites are possessed in full by my invention, and the annoyance and sometimes discomfort attendant upon the for-mation of a sand tee are obviated thereby.

Figure 1 represents a golf-tee embodying

5 one form of my invention, shown as inserted
in the ground and supporting a ball ready to
be struck. Fig. 2 is a side elevation of the
base portion of the tee, the head being shown
in sadden, and Fig. 3 is a temperature reading. in section; and Fig. 3 is a transverse section

30 on the line z z, Fig. 2. In accordance with my invention the tee the accordance was portion a and an attached flexible head b, the base being preferably made of wood and tapering to a point at ably made or wood and aspering to a point as its lower end to be readily inserted in the ground. Near its upper end the base is prof-erably reduced in diameter, as at a', to leave an annular shoulder a', and over the reduced portion is stretched one end of a piece of rubber tubing forming the head b, the tubing being drawn down to the shoulder a2. I prefer to cement the head to the base around the part a' of the latter, the open upper end of the head presenting an annular seat b', in

which the ball B rests as in a cup, as shown 45 in Fig. 1.

In practice the base is driven into the ground to substantially the shoulder a1, the head projecting upward about three-quarters of an When the ball is struck, the head will 50 yield in the direction of travel of the ball, of-fering no obstruction to its flight, and if the club strikes the head, as will frequently be the case, the yield will not in any way retard or stop the proper swing of the club as it is 55 carried through the stroke.

The tee may be withdrawn after the drive and again used for the next drive, and so on, or the tee may remain permanently in the teeing-ground, as desired or found most con- 60

By the use of the tee, as described, the player is sure that his ball is uniformly elevated from the ground at each drive and the uncertainty of a sand tee is overcome, as it is 65

practically impossible to make them of uni-form height each time.

Having fully described my invention, what I claim, and desire to secure by Letters Pat-

1. As an article of manufacture, a golf-tee comprising a tapering base portion to be driven into the ground point first, and a flexible tubular head, the lower end of which embraces the upper tapering portion of the base. 75

2. As an article of manufacture, a golf-tee comprising a tapering base portion adapted to be inserted in the ground point first and having a shoulder near its upper end, a tubu-lar head, the lower end of which embraces the 80 tapering base portion above the shoulder.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE F. GRANT.

JOHN C. EDWARDS, EMMA J. BENNETT.

Vocabulary

Patent:

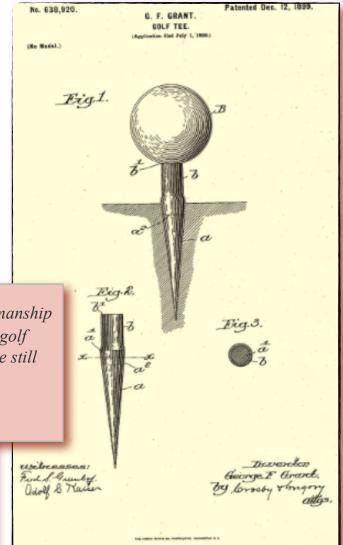
When someone invents something, a patent is granted to claim the idea as the inventor's property. A patent, or legal claim of ownership of the idea, is good for 20 years and applies to only the United States it's territories and possessions.

Three Types of Patents:

Utility Patents, Design Patents, Plant Patents

> It's good sportsmanship to not pick up lost golf balls while they are still moving.

- Mark Twain



US Patent No. 638,920

George Grant golfed at the second golf course built in the United States: Franklin Park golf course.

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George F. Grant

Questions from the reading:

- 1. When was George Grant born?
- 2. Who were his parents?
- 3. Who did he apprentice with when he was a teen?
- 4. What college did George Grant attend?
- 5. What was George Grant's occupation?
- 6. What was his specialty?
- 7. What did he invent?
- 8. Where did he play golf?
- 9. Where did he die?

Questions for further research and discussion:

- 1. Why did people become an apprentice?
- 2. What was special about Boston during the abolition that was attractive to black people during the 1800's?
- 3. How many people of color graduated from Harvard in the 1800's?
- 4. How many women graduated from Harvard in the 1800's?
- 5. What were some of the devices created for people with cleft palates in the 1800's?
- 6. What was the first golf course in Oswego County? Where was it located?

Special Project:

Locate a cross section of a tooth. Determine how a dentist might make the connection between a tooth and a golf tee. Just as George Grant made connections, select something that inspires you to improve another object. Create drawings of your "new" object to submit for your own "patent".