installations will be highly mechanical in their design and efficient in the application of water through various types of sprinkler distribution requiring little or no labor to operate.

In conclusion, let me leave you with one thought that if you doubt the value of irrigation, experiment with one fairway. If possible lay temporary water lines on the surface of the ground. Fertilize and water and observe the results.

At the present time irrigation is in very rapid process of development. Experience coupled with scientific study has provided some interesting facts in the effort to determine the most practical installation. There is no longer a mere smattering of detached experiences but fairway irrigation rests upon a substantial scientific foundation of well established facts.

## Cutting, USGA President-Elect. Dies at Chicago

ROBERT M. CUTTING, nominee for 1933 presidency of the USGA, which is equivalent to election, died suddenly of heart disease November 20, at Hubbard Woods, Chicago suburb.

He had been secretary, vice-president and president of the Western Golf association and in 1929 first appeared as a committeeman on the USGA official roster. In 1930, 1931 and 1932 he was vice-president of the ruling body. Cutting's home club was Hinsdale.

Cutting was 50 years old at the time of his death. His father, Judge Charles S. Cutting, is one of the prominent figures in midwestern golf. The Judge and Bob were a great team and frequently appeared at the father and son events in the Chicago district.

Bob, according to the unanimous verdict of the thousands of golfers who knew him, was one of the grandest fellows whoever drew a breath. He was an authority on the rules and on several occasions during championships settled heated disputes with a precision, detachment and justice that endeared him even to the fellows against whom he was compelled to rule.

During his student days at the University of Michigan Cutting was a star on the varsity baseball team.

Bob Cutting's death on the eve of his elevation to the highest elective honor in American golf takes one of the finest characters in the game at a particularly untimely moment as the 1933 National Open and Women's National championships both are to be held in Cutting's territory-the Open at North Shore and the Women's at Exmoor.

The PGA convention, when news of Cutting's death was announced, passed a resolution of condolence. Convention proceedings paused while a silent tribute was paid to the memory of one fine gentleman and sportsman.

## Big Pro, Amateur Entry Expected for Agua Caliente Open

QUALIFYING round for the fourth annual Agua Caliente open tournament— January 11 to 14, which carries a \$7,500 prize value, will be played at the Agua Calienta G and C C, December 20 and 21. The dates sandwich in between the Pasadena medal play tournaments. December 16 to 18, and the Santa Monica pro-amateur affair, December 30 to January 1.

Over seventy pros will be exempt from qualifying for the Agua Calienta event and also, for the first time in the history of the tournament, all amateurs with handicaps under 12 will be allowed to play without qualifying. Exemptions are: The 32 qualifiers in the PGA championship, the 30 low scores in the National open, prize winners in all previous Agua Calienta opens, and all foreigners. By "foreigners" is meant players who do not reside in the United States.

## GLYNN IS WINTER PROMOTER FOR HAGEN LINE

Detroit, Mich.-Jerry Glynn, pro at Olympia Fields C. C., world's largest private golf club, starts out December 1st for winter work of a sales service character for the L. A. Young Golf Co., makers of the Walter Hagen products.

Jerry will begin the jaunt at St. Louis, then swing through Missouri, Kansas, Oklahoma, Texas, the Gulf coast, Florida and wind up at Pinehurst during the North and South Open.

Glynn is an outstanding pro merchandiser with a successful background at small and large clubs. His Young Co. job will be to sit in with the fellows he visits and go over the local sales problems in the light of the combined experiences of the host and himself.

The Young organization figures that one with such a close-up timely slant on pro problems coming out from their headquarters will be of considerable assistance to the fellows who want to plan right now for a prosperous New Year.