

Now... Caddy Car **GAS-POWERED** *Twins!*

Both the new, automotive designed, smartly styled Caddy Car ACE I and the Caddy Car Birdie I bring to the 1960 golf world twin abilities to serve steadily, faithfully, with a new minimum of maintenance and service.

Gas-powered readiness for another round at all times springs from the bridge type welded construction of their sturdy chassis, their automotive engineering and their rock-bottom minimum of service and maintenance. Caddy Car ACE I, styled to match its comfort and sleek performance, carries its own refreshment bar. Caddy Car Eagle I matching the ACE in appearance, is a 36 volt electric. All Caddy Car models are available in a wide choice of colors.

For complete Caddy Car information, see your Caddy Car dealer or write Powered Products Co., Austin, Texas or Rothbury, Michigan.

**NOT IDENTICAL . . .
EXCEPT IN RUGGED,
TROUBLE-FREE
PERFORMANCE!**



Ace I



Birdie I



**POWERED PRODUCTS COMPANIES
NOW LARGEST PRODUCERS OF
GAS-POWERED GOLF CARS**

POWERED PRODUCTS OF TEXAS--POWERED PRODUCTS OF MICHIGAN

AUSTIN, TEXAS

WHOLLY OWNED SUBSIDIARY OF THE KYSOR HEATER CO.,
CADILLAC, MICHIGAN

ROTHBURY, MICHIGAN

DIVISION OF THE KYSOR HEATER CO.
CADILLAC, MICHIGAN

interesting views;

4. Scale before you plant; i.e., take into consideration the width of walks before surrounding them with shrubs, and the height and breadth of buildings before ringing them with trees;

5. Don't block out windows or block entrance ways with tall shrubs;

6. When planting flowers don't select colors that will clash with the colors of your buildings;

7. You'll occasionally be pestered by well-intentioned members who want you to plant a certain type of shrub that may clash with the design of present plantings. If you can't dissuade them, you'll probably have to join them;

8. Check all plants, shrubs, etc. for disease before planting.

Preventive Maintenance Discussed

The final speaker on the Wednesday afternoon program, Purdy Carson, a Worthington Mower sales engineer, told the supts. how to use preventive maintenance methods to prolong the life of maintenance. He said that much of the malfunctioning of power equipment is due more to neglect of proper and simple tuneup and maintenance measures than to operating abuses. Carson cited these examples of poor maintenance: Air cooled engines cease to remain air cooled because vents are allowed to become clogged; Dirty grease, oil and gasoline too often are used in cleaning and lubrication work; Mower blades aren't properly sharpened, throwing an extra burden on the engine to rotate them and causing an early breakdown of the machine.

"The sad part of it is," Carson declared, "that the manufacturer is blamed for most of the trouble that results from nothing else but pure neglect or improper maintenance work."

The Worthington engineer then gave a demonstration of how to adjust and grind reel type mower blades. He showed how too tightly adjusted reels cause premature blade wear and how grass can be injured when the reels are set too loosely. When the blades are ground. Carson said that a good deal of care has to be taken in gauging to insure proper sharpening. The same holds true with bed knives, since if the grinding setting is more than 1/16 ins. off, stresses can be caused in the metal that eventually may cause serious damage.

In his concluding remarks. Carson said that many more miles could be gotten out of all types of equipment if course maintenance depts, religiously consulted their servicing records.

Sixth Session

You Haven't Lived Until You've Gotten Ready for an Open

The educational program was concluded on Thursday morning when three turf conditions in different parts of the country in 1959, and four supts., who had gone through the throes of preparing for National Open tournaments in the last 20 years, described some of their experiences. The USGA group was composed of Bill Bengyfield, representing the Far West, Alex Radko of the East, and John B. Moncrief of the Southwest. Supts. who went back and sweated through the months preceding the Big One included Elmer Border, then of the Olympic Culb in San Francisco, Sherwood Moore of Winged Foot, Elmer J. Michael of Oak Hill in Rochester and Marshall Farnham formerly of Philadelphia CC.

The Woes of 1959

The verdict on the 1959 weather by the three green section men who spoke was summed up in one word — woeful. It was particularly poor in the east and northeast sections of country, according to Alex Radko.

He ticked off at least a half dozen ways in which the elements worked against the supt. last year. Among them: There were no warm spring rains to speak of and as late as mid-April, greens along the Buffalo-Boston line were still straw colored; Fairways were hard hit and didn't really come back all year; Knotweed thrived like it never thrived before; The sod webworm had a field day, and not the kind that's held at Rutgers; It wasn't a good season for poa and fall renovation was either delayed or had to be postponed entirely.

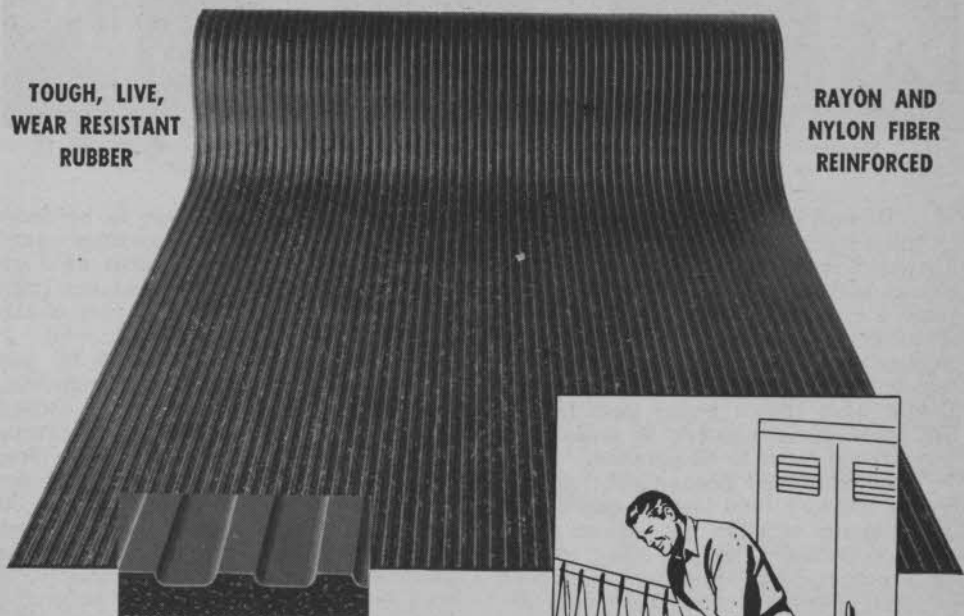
But, concluded Alex, the supt. learned a few things which will help to carry him through in the future if there is a play-back on the 1959 weather. He found, for example, that fungicide treatment and green fertilization has to be reduced in summers such as last year offered. New respect for pre-emergent treatment was impressed upon him. He had to use more hydrated lime to hold the fungicide that was being washed away by heavy summer rains, and perhaps, he rediscovered top-dressing.

ACE

kleen sweep ALL PURPOSE matting

**TOUGH, LIVE,
WEAR RESISTANT
RUBBER**

**RAYON AND
NYLON FIBER
REINFORCED**



"THE MATTING FOR GOLF CLUBS"

This tough, heavy, rugged matting has been successfully pre-tested by complete installations in very busy golf clubs. Made of a special wear resistant rubber compound, Ace All Purpose Matting is reinforced with chopped Rayon and Nylon fibers, the same as used in first line auto tires. It resists the wear of spikes and heavy traffic.

Protect the floors of your club, improve safety and reduce noise with this easy to clean, lower maintenance cost matting.

At Better Jobbers Everywhere



Excellent matting for locker room floors, entrances, pro shops — many golf club uses.

ACE RUBBER PRODUCTS, INC. 100 Beech St. Akron 8, Ohio



Sherwood Moore Marshall Farnham Elmer Michael Elmer Border
... they told harrowing tales about preparing for the Open.

Beware the Amateur Salesman

Bill Bengueyfield of the western section also dwelled momentarily on 1959's dreary record and added that a new type of menace came along last year to plague the supt. That was the inexperienced salesman giving incorrect advice. He seemed to be in abundance. Supts. who should have known better gave him an ear because the weather in some cases was driving them to desperation.

"Last year," said Bengueyfield, "can't be written off as a total loss, by any means. The majority of supts. got smarter as the year progressed. They say they couldn't always depend on old methods and adopted more flexible management programs. It armed them for the future."

Bengueyfield reported that a few old standbys were resurrected last year. For example: Iron sulfate, that John Monteith recommended back in 1932 as a weed killer, and to restore a needed element to the soil, reappeared from June through August and proved to be the answer to one of several problems.

The USGA's western dir. also gave quite a lengthy report on Penncross' behavior in 1959. It was both a hero and goat, proving to be a fine desert strain but not holding up too well in Southern Calif. where play on it may have been too heavy.

Report on Bent in the South

Jim Monteith, who patrols the Southwest for the USGA, said that the disease and weed problems in that sector were more in evidence in 1959 than in the previous four or five years. Supts. found that these are things that can't be whipped

in a single season, but have to be overcome in perhaps not less than three years. Irrigation also continued to offer its share of headaches since rainfall ranges from 60 ins. a year in the eastern part of the section to practically nil farther west.

Montieth also read a report by Jim Latham, Southeastern USGA agronomist, who told of bentgrass tests being carried on at the Athens (Ga.) CC. Numerous strains have been given a trial in plots with 10 ins. of topsoil made up of the following: Sand, 60 percent; loam, 30 and peat, 10. No major difficulties were encountered in any strains although it was emphasized that the experiments have been carried on for only one year. Old Orchard, Penncross and a mix of Arlington and Congressional, in that order, appeared to thrive best in the southern setting. A tentative conclusion is that given proper soil and management, bent can be grown in the Southeast.

Nothing Like A Bonus

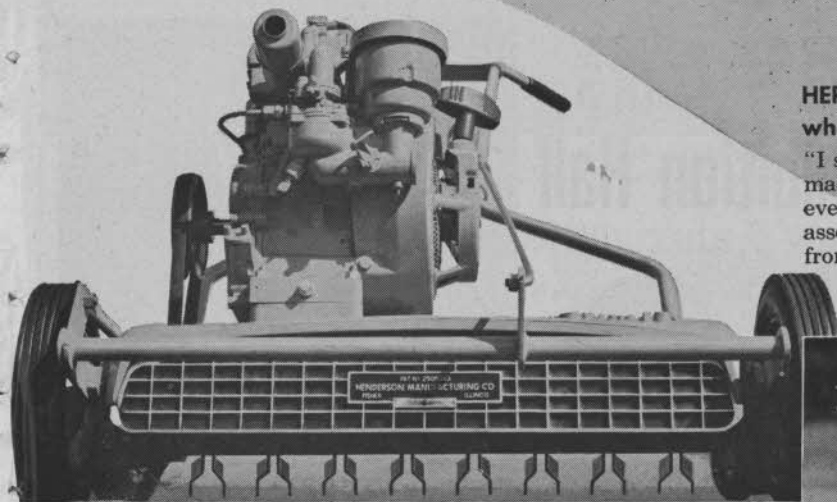
If the good or best is saved for last, there was something of a dessert course in the accounts given by the foursome of Border, Michael, Moore and Farnham, who described their experience in preparing for various Open tournaments.

There is no denying that a supt. who grooms a course for a USGA extravaganza has his share of tribulations, but at least there are compensations. It often helps him salarywise; he may be able to purchase equipment that the club has backlogged over the years; but probably most important, it vastly improves his stature in the eyes of the members.

(Continued on page 144)

For deep-colored, lively,
grainless greens that let a putt
run true... *Vertical Cut* regularly
with the low-cost, economical.

HENDERSON THIN-CUT

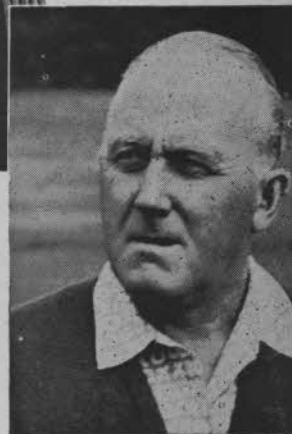


Here's a top quality vertical cutting machine—the Henderson Contour Thin-Cut Model 18T—priced so low that it's within the budget of every golf club.

It's both amazingly low in cost and inexpensive to operate. It has become widely used by greens-keepers all over the country because it saves time, money, and back-breaking labor while keeping greens and tees in tip-top shape. You can pay much more but you can't buy better. For the complete story, write...

HERE'S A HAPPY USER
who says,

"I sure am sold on this new machine and I am sure that every-member of our association will benefit from its use..."



GEORGE RAMSDEN

President
The Northeastern Golf Course
Superintendents Association

HENDERSON MANUFACTURING COMPANY

FISHER, ILLINOIS



White, who is supt. at Houston CC, visits J. S. Garske of Par Aide and then drops in on Orv Lawson, Jacobsen Mfg. sales manager . . .

Supt. in Dreamland

Don White Tours the Exhibition Hall



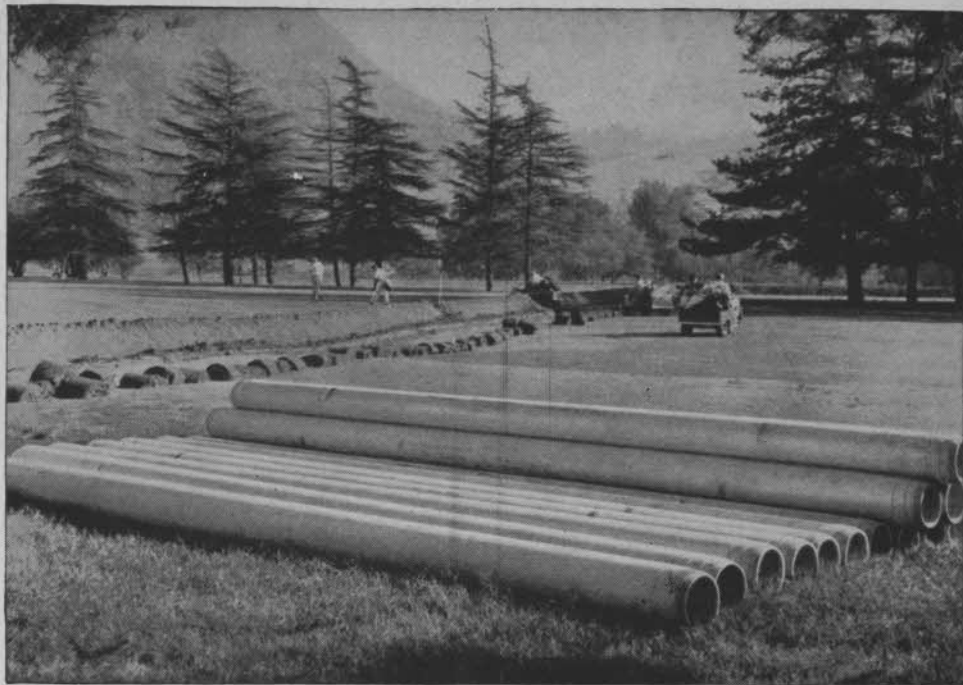
Next, he trades notes with W. A. Small of Mallinckrodt. Then checks Greensaire (below).



He talks utility cars with Cushman's Don Beebe . . .



. . . and proceeds to see W. A. Cleary



The beautiful Lakeside Golf Course, Burbank, Cal. has Transite Pipe throughout its irrigation system.

Transite cuts irrigation costs 5 ways ... keeps courses greener, too!

For all its quality and dependability, Johns-Manville Transite® Pipe is surprisingly economical. It actually reduces irrigation cost in five different ways:

1. Design Savings Transite's interior will not be roughened by tuberculation . . . stays factory smooth to assure full water flow. This means you can use smaller diameter, less expensive pipe sizes.

2. Installation Savings Transite is lightweight, easily installed. As few as two men can quickly assemble an entire 18-hole system.

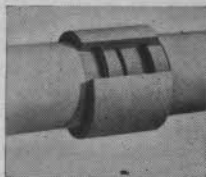
3. Pumping Efficiency Again Transite's

lasting smooth interior pays off by reducing water turbulence to reduce fuel costs.

4. Saves Water Transite's Ring-Tite® Coupling stays tight for the life of the system.

5. Minimizes Maintenance Made of rugged asbestos-cement—Transite cannot rust, resists all forms of corrosion.

The Transite Ring-Tite Coupling saves water loss . . . speeds and simplifies installation.



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*Without obligation send me
further information on
Transite Pipe for golf
course irrigation systems.*

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PRODUCTS

How 2 Palm Springs Clubs Run Their Golf Car Operations

By **HERB GRAFFIS**

PALM SPRINGS clubs have to be ahead of up-to-date in golf car operation and maintenance.

There are very few caddies in the desert area. Many golfers are recovering from heart attacks or are suffering from the physical penalties of high pressure living. Then there are very hot days when, without golf car transportation, 18 holes might be risky for a man or woman who isn't in good condition.

Course design and maintenance around Palm Springs now must consider wheels as well as legs. Green design that brings traffic on and off the putting surface in about the same general pattern gives the supt. problems that can only be solved by alteration of the course.

There isn't a lot of severe terrain around Palm Springs to strain equipment although at the undulating Bermuda Dunes course there is one 60-ft. quick rise to a tee.

Fine Setup at Eldorado

The de luxe new Eldorado CC, where the Ryder Cup matches were played,

probably has the fanciest golf car setup of any club in the world. Jimmy Hines and Johnny Dawson had a great deal of experience with golf car operation at clubs with which they had been associated prior to their collaboration at Eldorado.

Cars at Eldorado are stored, charged and maintained in the large, well lit and thoroughly equipped garage in the basement of the clubhouse. The garage is on one side of a large underground golf car parking area. On the other side of this area is a snack bar where golfers can get sandwiches and beverages between the 9th green and 10th tee.

The underground quarters for cars at Eldorado is 150 ft. long and 50 ft. wide. When a car is ordered an intercom system notifies an attendant at the bag storage room who gets out the required bags and puts them in the car. A caddie drives the car to the players at the first tee.

Automatic Charging System

Eldorado has 50 electric cars for which \$7.50 rental is charged for 18 holes. It stores and services 50 double electric cars owned by members. The charge is \$20 a month during the active season and \$10 a month for dead storage in the summer. There also are 12 privately-owned single cars stored and maintained.

Len Reinhart, an experienced automobile mechanic, is in charge of the Eldo-

(Continued on page 146)

Bermuda Dunes Country Club ELECTRIC GOLF CART CHARGES

CART NO.

Date

For and in consideration of the rental of the above Electric Golf Cart to me I promise and agree to return the said Golf Cart immediately following the completion of eighteen holes of play in as good condition as I received same, normal wear being excepted.

I promise and agree to pay for any damages that are sustained to the said Golf Cart while the same is in my possession.

I promise and further agree to hold Bermuda Dunes Country Club and Desert Bermuda Development Co. free and harmless from any damage of claims of any nature whatsoever that may arise from or through my use of said Golf Cart.

I represent that I am familiar with the operation and use of said Golf Cart and that I have read the instructions and that I can operate and control the same in accordance with said instructions.

Signed

CASH FEE CHARGE

No.

\$.....

St. Clair Country Club*

chooses fabulous

Beautiful Holmes

GOLF CLUB CARPET

for its handsome remodeled clubhouse

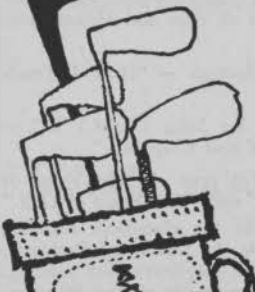
Learn how your club, too, can save money
...in replacement...in upkeep...in daily care

Our "Golf Club Herald" brochure shows
what this carpet is doing for clubs all over
the country!

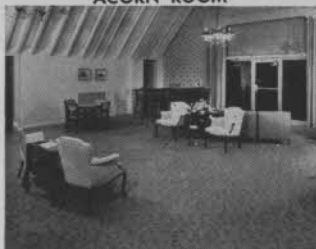
A bright, success-type story of BEAUTIFUL HOLMES
GOLF CLUB CARPET QUALITY 282 . . . and the
story of how it can bring luxurious new beauty, with
a decorator touch, to your club! Learn the specifics of
famous "Quality 282", a wilton carpet woven for the
express purpose of standing up to golf cleats, tracked-
in turf and lots of generally rugged wear . . . to mean
lower maintenance and replacement expenses, lower
club operating expenses all-together!

... see what 50 famous clubs
have already found out for
themselves. Every page a case
history of how these clubs
have benefitted by putting
proven "Quality 282" in pro
shops, locker rooms, lounges
... throughout! Send for your
copy, and benefit yourself!

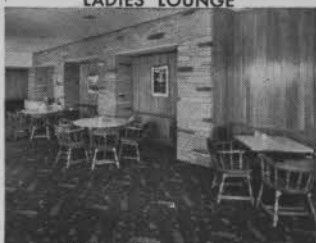
send
coupon



ACORN ROOM



LADIES' LOUNGE



"NINETEENTH HOLE"

*Pittsburgh, Pa.



Archibald Holmes & Son

ERIE AVENUE AND K STREET, PHILA. 24, PA.

I want to see the new
GOLF CLUB HERALD,
listing the 50 famous clubs
that have successfully
installed Beautiful
Holmes Quality 282.

NAME _____

CLUB _____

ADDRESS _____ ZONE _____ STATE _____

ARCHIBALD HOLMES & SON • NOW IN OUR SECOND CENTURY OF FINE CARPET WEAVING

West Coast PGA Conducts Four-Day Business School

The PGA's West Coast Business School, held Feb. 9-12, at the Ambassador Hotel, Los Angeles, scored another big hit in its second year of operation. Assistant pros who came from all the West Coast states to attend the school were given extensive briefings in every phase of pro shop management, with subjects ranging from telephone manners to a discussion of legal contracts.

George Lake of Recreation Park GC, Long Beach, and Joe Robinson, Virginia CC, also in Long Beach, co-chairmen, with the aid of several other Pacific coast pros, did an excellent job of conducting the fee-free school. Completion of 95 per cent of the course counted as one year of apprenticeship toward a Class A PGA rating for the assistants.

Junker Host at Banquet

At the conclusion of the four day session, William A. Junker of Fawick Flexi-Grip Co., Akron, O., was host at a banquet in the hotel's Venetian Room. Following the banquet, John G. Clock, new pres. of the USGA, presented diplomas to the young men who completed the Business School course.

Speakers and their subjects:

Joe Novak, pro, Bel Air CC, L. A. — "What the PGA Has Done for You and Golf."

Milton B. Arthur, Recreation Commission, County of L. A. — "Reciprocal Obligation of Pros and Members."

W. A. Harrington, mgr., Bethlehem Pacific Coast Steel — "Golf Shop Public Relations."

Bill Reynolds, pro, Santa Anita Public GC, Arcadia, Calif. — "Golf Car Operation and Maintenance."

Superintendent Speaks

Elmer Border, supt. Las Posas CC, Camarillo, Calif. — "What the Pro Should Know About Maintenance."

Len Kennett, pro, San Gabriel (Calif.) CC — "Private & Public Course Practice Fairway Operation."

Dick O'Brien, sales mgr., Chas. A. Eaton Co. — "The Manufacturers' Approach to Golf Shop Selling."

William H. Sherman, field rep, National Golf Foundation — "How the Foundation Helps You."

Narration of golf shop film tour by Joe Robinson and George Lake.



Jim Hearn, former Giant and Philly pitcher, won the 1960 Baseball Players' tournament in Miami. He edged Al Dark, now of the Phillies, by one stroke, 301 to 302.

Guy Bellitt, pro, Whittier Narrows GC, S. San Gabriel — "Group Instruction."

Mrs. B. Finney, Pacific T & T Co. — "Telephone Manners."

Bud Oakley, pro, Palos Verdes CC — "Shop Management."

Kip Bowen, Bowen, Inc., Pasadena — "How to Fit, Stock and Sell Golf Shoes."

Stan Thompson, owner, Stan Thompson Golf Club Co., Culver City — "Minor Club Repairs in the Golf Shop."

Kenneth Lake, C.P.A., Long Beach — "Inventory Control, Tax Problems, General Accounting and Value of Credits and Discounts."

MacGregor Hunter, co pro, Riviera CC, Pacific Palisades — "Modern Merchandising."

Ted Woolley, pres., Golfcraft, Inc., Escondido — "Mutual Obligations of Pros and Manufacturers."

Olin Dutra, Palm Springs — "How I Teach Golf."

Paul Runyan, pro, La Jolla (Calif.) CC — "How I Teach Putting and Chipping."

John G. Clock, USGA pres. — "The Value of a Contract to the Pro" and "The Rules of Golf."

During one break in the classroom sessions, assistants were taken to the factory of Golfcraft, Inc., where they viewed the firm's club making. Following this they were guests of Ted Woolley, Golfcraft pres., at a dinner.