Foodservice is the responsibility of club manager Kim Saal and his staff. Saal, left, flanks kitchen employee Janet Spencer, while chef Santo Impellizzero looks on. At center-right, a staff member attends to some chores in the food preparation area.

in public relations among the staff and membership.

Still, though, the CCC manager thinks food is the way to his member's positive attitude about the club. In the beverage area, Saal has gotten his staff to merchandise wine and has seen the beverage sales in this area skyrocket in the last few months.

"California wines are very popular right now and we encourage the staff to promote the member into buying a bottle of wine with their meal. This has a direct effect on the increased tip the waiter will get," Saal pointed out. Incentives of 50 cents per bottle are awarded captains that sell bottles to members. Mixed drinks, as ever, are popular after meals at the club and Saal's staff of bartenders must be sure to stock on specific brand preference asked by membership.

Again, the emphasis is to give the membership what it wants. Such is the case on the course and the man in charge of it and all the grounds, Warren Bidwell.

At 62, Bidwell has been in the business of turfgrass management since joining the GCSAA in 1934. He got his first jobs in the Cincinnati area, where he spent 18 years of his career. Next stop was at Seaview Country Club, near Atlantic City, where he worked until August, 1959. Olympia Fields Country Club near Chicago was his next post and Bidwell tackled his first PGA championship tournament there in 1961.

Four years later, Bidwell headed for the Philadelphia Country Club and left there in January, 1972 for the job at Congressional. "We try to give the membership the best technical know-how available," Bidwell insisted. Congressional has 18 people working in its course program and two handling the chores around the grounds, including a substantial investment in maintaining flowers.

Budget for such an operation is large. According to the Ohio native, he spends $200,000 annually just for fertilizer. Getting another PGA tournament has its pricetag, too. Preparing for the tourney, CCC has had its crew replacing the sand in all 76 traps and fairways were overseeded with ryegrass. In all, though, there were no major changes made on the design of the course.

By far, grooming is the biggest priority at the course. "We insist the course look neat and has eye appeal," Bidwell noted. Even with a fleet of maintenance vehicles and machinery plus a batch of sophisticated chemicals, Bidwell admits Poa annua remains his chief enemy. The Washington's area climate with its high humidity, wetness and fungal diseases don't help matters much. Recent summers with high humidity have found the CCC staff using more fungicide than ever plus watering had to be controlled.

Over 40 years in the business, Bidwell has seen much advancement over the years with research in the field. "Young superintendents today were brought up in this age of advancement. Answers we groped for, are there for them. Keeping up on developments is important. You can't just sit at home. These changes in research are important. Of course, the involvement of the government plays a major part in this today."

Working with Bidwell to keep up on the advancements in the industry are general superintendent David Burdette, a 15-year vet of CCC; assistant superintendent Vincent Sharkey, graduate of Rhode Island State University; James Bullwinkle, a Cornell grad; James Meier, a University of Georgia grad and Kevin Sutherland, out of Michigan State.

With this talented staff, Bidwell delegates authority and responsibilities. "Foremost is our philosophy a member's ability to play comes over everything. Some architects are designing courses with the touring pros in mind. I think the member has to come first. These are the people that are going to be playing that championship course all but a couple weeks out of a year."

Maybe the easiest question for Bidwell to answer is just why he got into the golf business. Starting out as a caddy in 1928, he became hooked on golf courses. The outdoor work and the challenge of coping with nature daily sold him on the job of superintendent.

Adding to his many years of practical experience, Bidwell attends numerous technical turfgrass conferences offered at Penn State, Purdue, Rutgers and Michigan State. An avid photographer, he has travelled abroad to foreign courses, attempting to see the problems facing superintendents in other countries.

Along with Congressional's board of directors, Saal, Bidwell and Benning are totally involved in a quality operation. Headed up by the efforts of club president Jim Gibbons, Congressional has weathered the financial storms of its early life and has settled down to take its place as one of the top private clubs in the nation.
### Design: Rating the golf equipment you sell

**by DICK SEMPLE**

During the past several years, the golf equipment market has undergone a considerable change in the area of design, processes, materials and cost. That rapid change has left many club professionals lacking in the product knowledge so necessary in making sales.

Since the early part of this decade, the golf market has expanded at a fantastic rate, probably more than any other leisure time field. Only during the recent recession has the buying cycle of equipment shown any decline.

Customers continue to look at a wide variety of brands, styles, performances and prices. Pros must grasp product information that make them better qualified to help guide the customer's selection in equipment.

Since the early part of this decade, the golf market has undergone a considerable change, and the club professional who lacks in the area of design, processes, material and cost has been left behind.

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customers get their money's worth of equipment.

- Blade profile
- Face scoring
- Loft and lie
- Hosel design
- Sole geometry
- Blade back design
- Finish

**Profile.** The profile of a blade is very important to the translation of the blade alignment when addressing the ball and creating the proportional backdrop to which the golfer “frames-in” the ball for hitting. In a matched set of irons, the blade contours should be essentially the same from the No. 2 iron to the pitching wedge. The blade height should also progress uniformly in size. The basic effect to look for is that of a progressively larger blade with the same proportions throughout the entire set of irons.

If you would like to analyze a sample set of irons in your shop, here is a procedure to use:

1. Take a piece of paper and place it on the top edge of a table. Then put blade (start with No. 2 iron), groove-side down, on top of paper to blade is flat on its surface. Trace around blade profile with a pencil and remove from position. Repeat for every iron in the set until all are recorded on the paper. Compare your profile analysis with the example in Fig. 1. If the blade profiles don’t progress uniformly in height or toe shape lines are overlapping, then profile is not properly designed.

Many clubmakers do not have a progressive numeric relationship in their club profile as it is difficult to control at the gridding phase of club fabrication or it was not designed into the club at its inception.

A properly designed profile family helps establish a progressive working relationship from one club head to another in a matched set and gives the player the feeling of playing with the same club in the shop for a more consistent game.

**Face scoring.** Second most important feature to analyze in a golf club is the face scoring patterns and grooves. As mentioned earlier, the USGA closely scrutinizes this segment of a club head design to eliminate an unfair advantage from an illegal face scoring design or groove detail.

First criteria of good face scoring is to check for straightness on the face of the blade. The pattern should be centered on the face of the club and its grooves parallel to the leading edge on the lower face of the blade. (Fig. 2)

Groove depth should be consistent from toe to heel and bottom to top of the pattern. Poor grinding and stamping operations cause the grooves to thin out and become too shallow to be effective.

By process, investment cast irons should have better face scoring detail because the grooves can be cast accurately into the part for spacing and proper, consistent depth dimensions.

Forged irons must have the face scoring stuck or rolled on to the blade and can’t achieve the tight spacing and consistency seen in the former process for face scoring patterns.

You should make comparison of scoring patterns by putting your shop equipment into their respective process category. It is not fair to compare them together and therefore, rating value on an equal basis.

Some clubmakers have incorporated alignment aids on the face scoring to help the golfer to tell if the face is open or closed, where the sweet spot is located, or they concentrate a maximum number of grooves on the primary hitting area of the blade. Most of these aids are legal and legitimate functions and should be pointed out to golfers who require such aids. They can also be construed as a plus to equipment possessing such features and should be promoted by you in your shop.

**Loft and lie.** Most of the irons in your shop have standard loft and lie specifications created by their respective manufacturers.

Check your in-stock samples for plus and minus tolerances of the loft/lie specifications received from the manufacturer.

It is particularly important for investment cast irons, as mentioned earlier. They will not take to readjustment of any great degree in your shop due to the heat treating done to them in processing to make cast stainless steel suitable.

If you are selling investment cast irons to a customer, try to fit him with a brand model tailored to his physical stature. If you have to re-fit the clubs to properly fit your customer’s stance, you will find it all but impossible to bend the hosels.

Most often, pro shop personnel will crack the hosel by overbending, then have clubs break off in play.

Forgings are better suited by many for custom fitting in the shop as they are more “plastic” in nature and can be readjusted to fit most golf stances. On the other hand, forgings, by the nature of its flexibility, must be re-lofted and re-lied by pro shop personnel from time to time, depending on the amount of abuse and frequency of use.

**Hosel design.** The hosel of a golf club is a very important factor in the design of an iron head and influences its detail to a large degree. The hosel is the connecting link between the blade and the shaft and how this is achieved becomes the focal point of this particular segment.

On a conventional-shaped iron, the hosel is usually located at the heel end of the blade and is connected to the shaft in one of two styles:

- **Female Hosel** — A bore is located inside the hosel to allow the tip of the shaft to be inserted and glued into position. In forgings, this is achieved by drilling a bore at an angle parallel to the sides of the hosel to the desired depth. Some investment cast processors can cast a bore right in the iron head at the time of casting and provide an accurate, ready to assemble iron head, with no machining necessary.

- **Male Hosel (overfit)** — overfit or stud-type hosel is a relatively new design method of fastening the shaft to the iron head. As the name implies, the shaft fits over the stud as it is assembled to the iron.

Visually, the overfit is cleaner in appearance and flows better aesthetically from shaft to blade. There is the illusion weight is removed from the hosel area and put elsewhere but in actuality, it is really inside the shaft at the tip.

Overfit hosels require the heel end of the blade to “neck-down” too soon as compared to the conventional female hosel. This makes the heel end of the iron very small and thin (material-wise), and does not lend itself suitable for the strong-hitting player. (Fig. 3)

The overfit hosel will remain around for a while, however, as many clubmakers have used this type of hosel on ladies models with a great degree of marketing success.

Conventional (female) hosels remain the more widely used style due to the fact it is structurally stronger and makes a proportionally better looking iron.

Another detail that should be illustrated about hosels, is that of the hosel/neck blend options. There are two styles of necks available on irons. The straight neck hosel is one in which the neck/hosel blends into the leading edge of the lower face of the iron in a smooth, straight line. This creates a strong or compact-looking blade. (Fig. 4). The offset, or goose-neck hosel is one in which the neck/hosel is set ahead of the leading edge on the lower face of the iron. The straight hosel has always been known as the classic method of designing the
neck/hosel blend while the offset hosel is the more popular style in today's marketplace.

Telling your customer to use one style of hosel is difficult as this is a subjective feature, to be based on the playing ability of the golfer. This feature joins loft/lie, shaft stiffness, and grip size as things that have to be applied on an individual basis.

Sole geometry. The sole of a conventional iron is the foundation of the entire club and how its design can directly affect the playing characteristic of the iron. Most conventional soles are wedge-shaped, the wider portion of the wedge being at the toe end of the blade.

From another angle, there are two sole contour variations available you should be aware of in rating the design value of specific equipment in your shop. One style is known as the standard sole. The sole line is straight with a very slight bevel to the leading edge. (Fig. 6)

On this particular style, make sure all the clubs have some kind of bounce built into the set. For the record, bounce is the term used to describe the angle of the trailing edge of the sole and whether or not it comes into play when engaged with the ball at the ground. Figure 7 shows the sole line. In this case, with a slight bevel to the leading edge, trying to pick out one body style of an automobile over another, if functions were put aside for a moment.

The fact appearance is a direct product of function on a golf club, makes it important to know what claims a clubmaker says the back design of his club will have on your custom equipment design. As seen through the eyes of a design consultant, it is hopeful you now have more insight into the equipment you sell as to how it functions and what to expect of those functions.

Among your membership, only you have the power to compliment their good control-type of swing.

Muscle-Back Designs — The typical contour and weight distribution on this style of club is a muscle-like bulge located in the back near the sole or spread around the center of the blade back. It is a favorite design for players who want power to complement their good control-type of swing.

Heel-Toe Weighted Designs — A popular style of back design distinguished by a cavity located in the center of blade back and prominent masses of weight located around the toe and heel areas of the club head. Investment casting process has made this style of club design widely exploited and copied.

Flange Sole Back Designs — This form of back design has become more popular during the past two years due to the demand by golfers for a club that will get the ball up quicker without using flatter lofts to achieve the effect. By locating the weight mass low, along the back of the club head, the center of gravity is aligned closer to the center of percussion point which is on the face of the iron.

Equating value of a back design to price is really a highly subjective motive, much like trying to pick out one body style of an automobile over another, if functions were put aside for a moment.
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<th>2. Your title (Check one only)</th>
<th>3. Size of golf facility (Check one only.)</th>
<th>4. Does your facility operate a practice/driving range?</th>
<th>5. Total yardage of facility.</th>
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<td>□ Directors and Commissioners</td>
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WE SAID NEW TITLEIST PRO 100'S WERE ONLY FOR SCRATCH GOLFERS.

A LOT OF 12-HANDICAPPERS ARE PROVING US WRONG.

We always knew the scratch golfer wanted a club built to get the most out of a good swing. We knew he was looking for reward from his good shots rather than forgiveness for his bad ones. Now the tremendous success of the PRO 100 has taught us there are many golfers with higher handicaps who want the same things. It makes sense when you think about it. Your good shots are what make the frustrations bearable. Who wouldn't want a club that gets the most out of his best?

Here's how PRO 100's give you the most.

LOW CONCENTRATION OF WEIGHT FOR POWER. The center of gravity is toward the lower part of the clubface, where you hit when you hit it pure. This was achieved by transferring weight from the high middle to the sole, and by adding tungsten inserts. The tungsten inserts have proved to be a bonus in several ways. Good players tell us this is the first club they've hit that gives such a remarkably solid feel, and such excellent results even on thin hits.

CARBON STEEL FOR BETTER CONTROL AND FEEL. Carbon steel is softer, and more responsive than stainless steel. The ball doesn't jump off as fast, so you get better control. You also get a solid, slightly cushioned feel. When you hit it pure that sweet feeling sinks into your toenails.

CLASSIC DESIGN. SIMPLE, AND PURELY FUNCTIONAL. Scratch players insist on classic clubhead design. To them classic means simple, and uncluttered. It's good design only if it's functional design. Keep the weight behind the ball they say. That's what we did. Hit the PRO 100 pure, and you get it all.
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... with the durable and sturdy Wittek Golf Ball Picker. Each section contains two 350-ball capacity hoppers for fast pick-up. New cushioned tires insure longer life of balls. Can be pulled by Electric or Gas Driven Golf Cart.

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... by speeding up the club cleaning chore with the Wittek Club Washer. Rotating nylon brushes strip irons of grass and dirt deposits. Contoured wood cleaning brushes clean sole plate, face, toe and heel in one simple operation.

Wittek will also satisfy your needs on the golf course, miniature putting green, or in the clubhouse.

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People on the move

Mark Adams is now superintendent at Carthage (Ill.) GC. He formerly worked at Sheaffer Memorial GC in Fort Madison, la. . . . Ron Mullen is superintendent at Oneota G&CC, Decorah, la. . . . The pro at Broadmore GC, in Nampa, Id. is Lenny Street. . . . Jack Connelly has assumed pro duties at Huntingdon Valley GC in Philadelphia . . . Len Peters, Jr. is pro at Nissequoque GC, St. James, N.Y. . . . Fred Gipp is pro at West Sayville CC near New York . . . The superintendent at Willow Creek GC in Des Moines is Tom Haugen . . . Gary Watschke is superintendent at Veerker Memorial GC in Ames, la. . . . Delbert Ralph Snyder is now pro at Williamsburg (Va.) Inn. This follows his work at White Sulphur Springs, W. Va. Course . . . W. Alan Gary is now golf coordinator at Innisbrook Resort near Tarpon Springs, Fla. . . . The MacGregor Division of Brunswick has named Thomas H. Duffey as professional golf products manager . . . Ed Justa is pro at Green Valley CC near Philadelphia . . . The pro at Indian Springs GC near Philadelphia is Mike Atkins . . . Bruce C. Lloyd is manager at Waialee CC, Honolulu . . . The manager of Crow Valley CC in Bettendorf, la. is Melvin O. Wilson . . . Stepping into superintendent duties at Lake Arrowhead Inn in Waleska, Ga. is Robert Casey . . . Wayne Collins has assumed superintendent duties at Coosa CC in Rome, Ga. . . . Larry Sanderson is head pro at Sheridan (Wyo.) CC. He’s now working with his father, Tom Sanderson, Sr. Tom, Sr. is assistant . . . Jack Pickering is handling pro duties for the Squier GC in Pennsylvania . . . The pro at Aurora (Ohio) CC is Tom McKinney . . . Club manager at Losantiville CC, near Cincinnati is Earl Shepard . . . Superintendent duties at Fieldston G&CC, Conyers, GA. are the responsibility of Bill Leathers . . . Harold Land handles superintendent duties at Pine Ridge Club, Edgefield, S.C. . . . The pro at Hudson (Ohio) CC is Jim Camp . . . Russ Helwig is pro at Essex Falls (N.J.) CC . . . Jack Zaffa has assumed club manager duties at Rolling Hills Golf & Racquet Club, in Montgomery, Ala. . . . The club manager at St. Joseph (Mo.) CC is Carl Zache . . . E. E. “Mac” McKinnon is superintendent at Cedarwood GC, Matthews, N.C. . . . The superintendent of Westwood CC in Houston, Tex. is William Schoenfield . . . Roy Pace is pro at CC of Darien (Conn.) . . . Jim Hundertmark has assumed pro responsibilities at Plandome CC, Long Island, N.Y. . . . Z. W. Mikulski is director of food and beverage at Philadelphia CC in Gladwyne, Pa. . . . Mike Higuera is pro at Edgewood CC in Riverdale, N.J. . . . Ed Scrivnor has assumed duties as assistant manager of McGuire’s Golf Resort in Cadillac, Mich. He formerly worked at Hart GC in Marion, Ind. . . . Dean Adkisson is now superintendent at Heron (Kan.) Municipal GC. He came from Southern Hills CC in Tulsa . . . Joseph Donoghue is general manager of Middle Bay CC, in Oceanside, N.Y. . . . The manager of Diamond Oaks G & CC in Ft. Worth is Roy Kelley . . . Club manager is Michael Taft’s title at Blowing Rock CC in North Carolina . . . Jerry Reid is superintendent of Pine Mountain GC in Connelly Springs, N.C. . . . Mike Houston is superintendent at Lake Hickory CC in Hickory, N.C. . . . Paco has named David R. Everhart general sales manager . . . Bob Weber has taken pro duties at Mill River CC in Stratford, Conn. . . . Pro duties are the job of Jim Andrews at Lido GC in Long Island, N.Y. . . . Club manager of Gainesville (Fla.) G & CC is Michael Pierre . . . James Horne has assumed club managing duties at Dalton (Ga.) G & CC.

Fred Kemmetering, Jr., new manager — Hillcrest Country Club, Los Angeles.

Robert J. Wiggins, new general manager — Fredericksburg (Va.) Country Club

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. . . with the durable and sturdy Wittek Golf Ball Picker. Each section contains two 350-ball capacity hoppers for fast pick-up. New cushioned tires insure longer life of balls. Can be pulled by Electric or Gas Driven Golf Cart.

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Sid Garrett is now superintendent at Hidden Valley CC in West Columbia, S.C. This follows his job at Linnick GC in Columbia, S.C…. The pro at Rockaway Hunting Club in Cedarhurst, N.Y. is Jay Horton.... Kelley Moser is pro at Shorehaven in East Norwalk, Conn…. Pro duties at Garden City (N.Y.) GC belong to Gill McNally.... Club manager is the title of Albert Winters at Lake Quivira CC in Kansas…. Larry Black is manager at Holly Tree CC in Simpsonville, S.C…. Mike Schultz is pro at Hazeltine National GC in Chaska, Minn…. Ken Gorg is pro at Weseca (Minn.) GC…. Robert Parker is the new executive director of the Connecticut PGA section.... Louis Cerny is club manager at Bay City (Tex.) CC.... Robert Barnes is club manager at Pecan Plantation CC in Granbury, Tex…. The club manager at Ottawa (Kan.) CC is James Morris…. Harvey Minton is club manager at Briarwood CC in Tyler, Tex…. Nick Chillemi, Sr. is pro at Cypress Creek GC in Orlando, Fla.… Rick Rhoads is pro at San Francisco CC…. The pro at Lockhaven CC in Alton, Ill. is Tom Tanall…. W. H. Kendall is general manager at Augusta (Ga.) CC…. Eric W. Seager is general manager at Pauma Valley (Calif.) CC…. The pro at Crawford County CC in Robinson, Ill. is Rick Bundy…. Clark Volght has assumed pro responsibilities at St. Clair CC in Belleville, Ill…. David Smith is pro at Gulf Hills (Miss.) Inn & CC…. D. Robert Wilson is general manager at Greenwich (Conn.) CC…. Gary Priddy is superintendent at Brentwood Country Club in Los Angeles…. Dean Wilborn assumed manager duties at Talbot CC in Easton, Md…. Bill Secor is now manager at CC of Avon (Conn.) and formerly worked at Rockaway River CC in Dansville, N.Y…. Paul H. Gebert is national contract sales manager of Philadelphia Carpet Company…. David R. Everhart was named general sales manager of Paco…. Morris Moranetz is manager of Miami (Fla.) Shores CC…. John M. Metzger is executive vice president of Lynx Golf, Paramount, Calif…. Miles T. Doody is vice president, sales, and George Roe is vice president, manufacturing for Lynx…. Bob Rogers is pro at Dallas Lake Club in New Hampshire…. John Blatt is manager at Rolling Hill CC, Wilton, Conn…. He was formerly at Montauk (N.Y.) Golf & Racquet Club…. Nick M. Dvorak is western sales manager for Royal Coach Sprinklers, Inc…. Jan Tellstrom is pro at Country Line Sherman GC, a new course in Indianapolis…. Bob Swintel is pro at Knollwood CC, Crown Point, Ind…. Scudder Graybeal was named regional sales manager for ProGroup, Inc. Bill Miller, a field sales manager, was appointed regional sales manager, sales division…. New Pro at Mount Airy (N.C.) CC is Doc Wall…. J. B. White is pro at Pine Brook CC, Winston-Salem, N.C…. Ray Finfer is manager at Denton (Tex.) CC…. Management duties at Desert Island CC, Rancho Mirage, Calif. are the responsibility of George Biga…. Donald G. Haffner was named vice president and director of engineering for Jacobsen Manufacturing Company…. Lyon Metal Products Inc. has promoted John C. Gray to general sales manager and James T. Lindstrom is the firm's new manager, advertising and sales department…. John Lubin is pro at Rydel (Pa.) CC…. Rain Bird of Glendora, Calif. has appointed Bud Terry as turf market manager. They also have named Larry Ethridge as the specification market's director of Larsen, landscape architects and irrigation contractor. Robert Shaw manages Rolling Green GC, Stringfield, Del…. Barry Grote is technical representative in Nebraska, Kansas, Oklahoma and parts of Missouri for the ProTurf Division of O. M. Scott & Sons…. John Medved is pro at New Hog Neck GC, Easton, Md.
Marker adjusts to user's arm length, sprays neat lines in fluorescent colors

The hand-operated Easy Marker is made of strong molded plastic and telescopes for storage or to adjust to the user's arm length (or the seat height, if used from a maintenance cart or truck). The user won't have to stoop or bend over to use the Easy Marker — just start walking and start marking. The manufacturer, Fox Valley Marking Systems Inc., offers Easy Marker paint in five bright fluorescent colors as well as regular white, blue, yellow, and aluminum. The cans are made to spray upside down and empty completely; they are guaranteed not to clog. One can will spray approximately 1100 linear feet. The paint comes in cases of a dozen 13-ounce cans each.

Parking lots can look like greens but hold up like concrete

Imagine a parking lot or a driveway or a whole network of cart paths that gives the load-bearing characteristics, durability, and level surface of concrete while providing the natural drainage, oxygen supply, and beauty of real grass. Your club can have that now with Grasscrete, available from Bomanite Corp. Essentially a reinforced concrete slab with geometrically placed holes in which grass can be planted, Grasscrete has been used in many installations in England over the past four years. The concrete protects the root structure of the grass, so it won't be damaged by traffic. Required maintenance consists of normal watering and mowing, though mowing is seldom required in areas with frequent traffic.

Pro finishes poorly due to his putting, then designs new putter to correct faults

A new putter, the "Duke," was designed by touring PGA pro Brian G. Shillington after finishing out of the money in cross-country tournament due primarily to faulty putting. To try to assure himself of more one-putt greens, Shillington devoted his spare time and money to developing a putter with characteristics that make uncanny sighting and good putting form automatic. The resulting putter incorporates a slot opening on its top with a cross-hair sight alignment below. The golfer looks down through the slot at this alignment device to line up the putter's head with the hole. The new design is supposed to be particularly accurate in holing putts from under nine feet. The Professional Touch Inc., distributor of the "Duke," claims the design compels the golfer to keep his eyes directly over the ball.
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The San Diego Golf Academy is in its second year of training outstanding persons in golf course management, operations and golf instruction.

The Academy has a two (2) year curriculum which includes every facet of the game of golf and its instruction—plus college level courses in business and management operations. Classes are devoted to: 1) Business Management, 2) Retailing, 3) Accounting, 4) Food and Beverage Controls, 5) Business Law, 6) Oral and Written Communication Skills, 7) Sports Theory, 8) Landscape and Golf Course Design, 9) Turf Maintenance and 10) Purchasing.

In addition, specialized instruction in 1) The Game of Golf, 2) Golf Teaching Techniques, 3) Individual Lessons, 4) Conducting Golf Activity and Tournaments, 5) Club Repair and Custom Fitting, and 6) Pro-Shop Operations are given each student.

These courses and instructional classes are devised to combine education and career training for the golf professionals, club operators and course managers of the future.

The practical experience gained by our well trained and educated Academy students will be of great value to golf course owners and operators throughout the U.S. If your golf course can utilize the talents of a San Diego Golf Academy graduate, contact:

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San Diego Golf Academy
Whispering Palms Golf and Country Club
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Phone: (714) 756-2471

Light warns of leakage in microwave ovens

Small and safe, the Check'r 10 solid state device checks excessive microwave oven leakage. A warning light goes on if leakage is too great and records the excess only if it is beyond the safe standards assigned by government regulations. Vend-Tec Products makes it.

Hand-operated club washer cleans right, left clubs

Corrosion resistant and quick draining, Standard Golf Co.'s hand-operated golf club washer handles left- and right-handed clubs. Its three nylon brushes clean the face and sole plate of the club, and it can be attached to a Standard tripod stand. Various colors are available.

Spike tiles cover floor with carpet-like surface

Floors receive special treatment with Musson fluff cord spike tile. Made into specially processed, rubberized fabric strips from recycled heavy-duty car tires, the tile forms a carpet-like surface. Tiles are 3/4 inch thick and 12 inches square and are bonded to a fiberglass mesh back.

Disposable shower towels cut laundry, storage woes

Economical, sanitary, and clean, the disposable shower towel by H & S Supply Co. comes individually packaged in plastic and saves on storage and laundry problems. Each towel machine holds 28 towels and is double locked on the outside with an inner coin box lock.

INCREASE EARNINGS, SERVICE & SPACE
Remodel your present storage space, update with NEW Stafford VERTICAL BAG RACKS

- Wear and tear of golf bags is completely eliminated
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- Faster, easier storage
- Provides a neat appearance
- Easy to install and add more as needed

Your members will like the extra convenience and care. Your pro shop profits from 40% more space these racks make available. Double unit shown holds 16 bags, size 2' x 4' x 6'-6" high, gives 12" x 12" space for bags. Single unit holds 8, size 1' x 4' x 6'-6" high. Sturdy steel. Bags set solid on tapered shelves. Send us your floor measurements, we will plan a layout and quote you—no obligation. U.S. and Canadian patents. Send for folder.

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