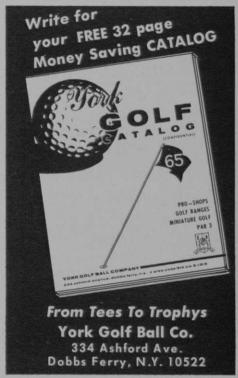


Gary Nixon (see page 66), pro at Philmont CC, Huntington Valley, Pa., was married recently in Boca Raton, Fla. . . . Sam Snead was his best man . . . Ike Smith and Ken Stapleton recently scored successive aces on the 146-yard 13th at Shawnee CC, Topeka, Kans. . . . Bob Moser, Oak Hill CC, Rochester, N.Y., is Jon Gustin's replacement at Echo Lake in Westfield, N. J. . . . Jack Webb is the new head pro at Fargo (N.D.) CC . . . Ed Ficker of Hendersonville (N.C.) CC has moved to head pro job at Tequesta CC, Jupiter, Fla. . . . Joe Cannon, who had been at Farmington CC, Charlottesville, Va., for 15 years, has taken pro job at Wilmington (Del.) CC . . . His successor at Farmington is Johnny Snyder.

Southwestern GA will hold its 48th tournament at Tucson (Ariz.) National GC, Apr. 26-May 1 . . . It took four days to get in two rounds of golf at the Allstate Ladies' Invitational, played in Jackson, Miss. late in March . . . The third round was cancelled . . . Jo Ann Prentice, who had been trying for eight years to win a Ladies PGA event, finally caught up with a victory here . . . H. R. Berglund, E. Triplett, Cecil Dees, Donnell Robinson, H. Hughes, W. Kemp, and W. I. Buffington were winners of different age group flights in the Trans-Miss Seniors played at Desert Inn CC, Las Vegas, in late March.

Kent Killian and Dick Nugent, Wheeling, Ill. architects, recently completed a redevelopment design for Lincolnshire CC, Crete, Ill., which will revamp its No. 1 course over the next few years . . . In the last year or so, Killian and Nugent have designed several new courses or remodeled old ones in Illinois and Ohio . . .



Like Bill Casper, Phil Rodgers knocked off 25 pounds last fall . . . That undoubtedly has resulted in the recent Azalea Open winner's playing improved golf this year . . . Garnett Neil, seriously injured in an automobile crash two years ago, recently returned to Cherokee CC, Knoxville, where he is pro, to play nine holes of golf . . . It was his first outing since the accident . . . His younger brother, Ray, is now an assistant to Carroll Armstrong at Ride-fields CC, Kingsport, Tenn.

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Golf **Business** News

Ryan Greensaire Aerates 9,000 Square Feet per Hour

Ryan Equipment Co., 2055 White Bear Ave., St. Paul, Minn. 55109, has introduced a highercapacity, 50 per cent wider Greensaire (model



WG24-1). The unit aerates up to 150 sq. ft. of turf per minute (or up to 9,000 sq. ft. per hour). It removes 5,400 evenly spaced cores per minute. The new model has a transport speed.

a hydraulic lift on the tires, large turf tires and a differential on the rear wheels as standard equipment.

Indoor-Outdoor Seating

D & W Equipment, Inc., 500 W. 8th St., Muncie, Ind., manufactures metal seating unit

with fiberglass chairseats, a formica serving top and umbrella holder for club and course use. The unit has chrome or painted metal legs and rubber feet for indoor use. A crossbar may be ordered with the unit so the legs may be bolted down or set on the



ground. D & W makes a variety of seating equipment.

Container Produces New Golf Ball Washer

Container Development Corp. of Watertown, Wis. 53094, is producing a new Lewis line, GF-53 golf ball washer. The new design is said

to eliminate splashing. Custom, long wearing, stiff nylon brushes are positioned for cleaning action and should last two seasons or more. The six-pint case is of solid, polished aluminum alloy that can't rust and never needs refinishing. A dirt trap with accessible drain prevents stagnation and odor. The handle is easy to grip and is tamper proof.



Hagen Lady Ultra Clubs Are Precisely Matched

Lady Ultra woods marketed by Walter Hagen Golf, 901 Godfrey Ave., S.W., Grand Rapids 2, Mich., have screwless faces with weight con-

centrated in the clubhead hitting surface. The Lady Ultra irons have chrome shafts that are matched in flex and firmness to the weight of the clubhead. Faces are sandblasted to give the ball more backspin. Scarlet and black grips of prime pigskin with gold lurex are fea-



tured. Both woods and irons are precisely matched and registered.

Brochure For Golf Cars

Cushman Motors, Lincoln, Neb. has an illustrated color brochure "Cushman Golf Cars for 1965" that describes the company's line of gasoline and electric powered golf cars. Copies of the brochure may be obtained free by writing the company.

Grip Scrubber Quickly Cleans and Revitalizes Golf Grips

Grip Scrubber, made by Par Golf, Milan, Ill., is a compact machine that utilizes an electrically driven nylon brush to safely and thoroughly



clean dirt and grime from leather and composition grips in a manner said to substantially restore original tackiness and appearance. Overall size fits the average shop's service counter or table. For complete details write Par Golf.

Electric Sprinkler Valve

Thermal Hydraulics, Inc., 517 W. 40th Ave., Denver 5, Colo., has sales and engineering data available on its new TH electric sprinkler-irrigation valve that eliminates solenoids and clogging orifices. With the valve there are no diaphragms or water hammer. The 1-in. valve is currently available, with the $1\frac{1}{4}$, $1\frac{1}{2}$ and 2-in. valves to be available shortly.

Davis Releases Price List

George A. Davis, Inc., 5440 Northwest Highway, Chicago 30, Ill., recently released its spring price list. Included are prices on complete lines of turf equipment and supplies handled by the company. The list can be obtained by writing to Davis.



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FRANCIS J. DUANE Golf Course Architect

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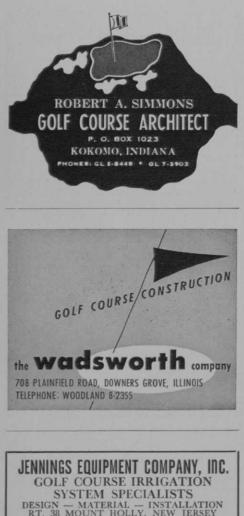
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ESIGN — MATERIAL — INSTALLATION RT. 38 MOUNT HOLLY, NEW JERSEY PHONE 609 – 267 – 1060-61 References Supplied



Chi Chi Rodriguez, Robert Kemp (I), merchandise manager, and Paul Jones (r), dealer sales manager, pose in front of an A. G. Spalding & Bros. golf products display. Rodriguez, who was Spalding's guest at the recent NSGA convention and show in Chicago, holds a box of Chi Chi Rodriguez Power Secret Golf Balls. Jones holds a new club named for the golfing star.

Bunton Markets Four Lawn Lark Mowers

Bunton Co., 4303 Poplar Level Rd., Louisville, Ky., offers a choice of 24, 28, 32 and

36-in. cuts in the Lawn Lark mower. Fingertip controls for power to each traction wheel make it possible to mow 45-degree grades with one hand. Cutter housing extends beyond the wheel width for mowing sand traps. The short wheel base and



position of front casters is said to prevent scalping. Optional engines are available up to 8.25 hp with stellite valves and other heavy-duty features, including snorkel-type air cleaner. A rider attachment is optional.

Wiley-Miner Markets Golf Car Meter

Wiley-Miner Assoc., Inc., Box 146, Highstown, N. J., markets a model 2510 of the Tallyman golf car meter control. The unit controls the ignition system and does not allow it to start until two special tokens are inserted. One token drops into a locked box and is used to count the number of times a car is used. The other token (used as the ignition connection) returns to the golfer when the meter's coin slide is pulled out. Ignition is on as long as this coin is in the pushed-in coin slide. The token is then returned to the pro for return of the deposit. A special 5-min. timer is used for moving the car without rental. The Tallyman meter is easily mounted on any part of either a gas or electric car.

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Roseman Mower Introduces Thatch Control Rake

Roseman Mower Corp., 2300 W. Lake Ave., Glenview, Ill., has introduced a metal thatch rake that is mounted directly ahead of the Roseman mowers. This controls the buildup of thatch or matting. The rake can be used



to remove a small amount of thatch at frequent intervals during the mowing season. It can be quickly lowered or raised for transport and storage.

Installation Manual For Flintite Pressure Pipe

Orangeburg Mfg. Co., Orangeburg, N. Y., has produced a 96-page installation manual on Flintite pressure pipe. Sixteen chapters cover all



phases of the installation of pressure pipe. Arrival of shipment, trench preparation, weldtite coupling, pipe assembly and backfilling are treated in a problem-and-solution manner. Flintite pressure pipe installation manual is available from all Flintite sales engineers.

Rogers Power-Aerator Eases Soil Compaction

Rogers Mfg. Co., 202 N. Mahaffie St., Olathe, Kansas 66061, produces a power-aerator for aerification, thatch control and relieving soil compaction. The blade adjusts from 0 to 3½ in. and aerates a width of 7 ft. The unit is easily used on rough ground and is attached to the tractor with a 3-point hitch. Weighing over 600 lbs. its power source has double chain drive run in lubricant and steel gears.

Sarazen, Muirhead and Caldwell In New Architectural Firm

Gene Sarazen, famous U.S. golfer, has joined English engineer Desmond Muirhead and Kenneth Caldwell, Canadian architect, in a new golf course architectural firm. Not only does the firm design new courses, but specializes in the modernization of older courses.

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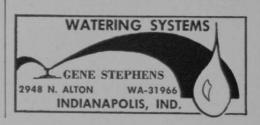
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Harley-Davidson Motor Co. of Milwaukee, Wis. operates service school that is in its 49th year. The two-week school gives the company's more than 700 franchised dealers and their mechanics an opportunity to study and review the newest techniques in servicing golf cars and other equipment. It is held at the Harley-Davidson plant in Milwaukee as often as four times a year. A total of 96 students passed through the school last year. Six instructors teach the students.

Fiberglass Rain Shelter

Astro Dome, Inc., 1801 Brownlee Ave., N.E., Canton, Ohio 44705, manufactures the Fore golf shelter, made of fiberglass. The lightweight shel-

ter, shipped in kit form, provides seating accommodations for up to 24 persons. Erection requires no special skills. Drilling five post holes and pouring concrete into paper tubes supplied with the shelter is the first step. Sections are then assembled and fastened to employ holts in the



ened to anchor bolts in the concrete footings.

Toro Offers Brochure on Irrigation Changeover

A free 10-page booklet on the economics of automatic underground sprinkling systems, is available from Toro Mfg. Corp., 8111 Lyndale Ave. South, Minneapolis, Minn. Besides offering a free analysis of sprinkling needs, the brochure tells how changing from hand watering to an automatic system can result in substantial labor savings. The booklet also describes Toro's full line of sprinklers, valves and automatic controlers.

Disposable Lockerroom Slippers

Resist-Abuse Plastics Corp., 1359 Broadway, N. Y., N. Y. 10018, offers a new disposable plastic slipper. Available in four colors (red, blue, pink and white), the item is reported as waterproof for showers and lockerrooms, heat resistant for saunas and steam rooms, and tearproof with an imbossed grip instead of a skid.

AMF-Ben Hogan Co. Distributes Pagoda Umbrella Model

AMF-Ben Hogan Co., 2912 W. Pafford St., Ft. Worth 10, Tex., distributes a ladies' Pagoda umbrella, model (U8219), that is fashioned of

100 per cent cotton gingham check treated with Miricote water-proof finish. The umbrella has a 42-in. spread and a gemstone handle. It is available with white check in combination with either



yellow, green, black, blue or red check. The Men's model umbrella, (U9217), features allweather, 100 per cent nylon cloth with matching case, raylite handle, and 56-in. spread. It is available in navy blue, surf green, burgundy or black.

Wall Mounted Self-Selecting Putter and Club Display Racks

Wittek Golf Range Supply Co., 5122 W. North Ave., Chicago, Ill. 60639, offers several new club and putter combination wall display fixtures. The SS90 self-selector putter fixtures (90



degree) can fit into corners. It is 20 in. wide, 11 in. deep and holds nine putters or a combination of putters and utility clubs. Wall mounted, it can be adapted to 1/8 or % in. pegboard. The SS180 is 180 degrees, 28 in. wide and 14 in. deep. Wittek's conventional dual space saver display wall racks feature whole sets of irons and clubs (second from left in photo.)

New Mallinckrodt Director

Ethan A. H. Shepley was recently elected a member of the board of directors of Mallinckrodt Chemical Works. Shepley is a member of a St. Louis, Mo. law firm. He was chancellor of Washington University from 1954 until 1961 and chairman of the Board of Washington University Corp. from 1961 until 1963. In 1964 he ran as Republican candidate for governor of Missouri.



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First Flight Golf Co., Chattanooga, Tenn. 37405, features a custom fitting center with clubs of different lengths, shaft flexes, weights and grips. The golfer can try various clubs and see which feel and respond best for him. The Fitting center is gvailable to pro shops only.

Buckner Fairway Sprinkler

Model 882-Turf, compact single nozzle all brass fairway sprinkler is marketed by Buckner

Industries, Inc., Box 232, Fresno 8, Calif. The unit is designed for single row quick coupling fairway systems and has sealed bearings and drives with the main nozzle. It is engineered to give full distribution of water over a large diameter. This is done without an



inner-sweep nozzle to accomplish a low application rate. For low pressure conditions, an innersweep nozzle can replace the plug in the rear of the sprinkler. Detailed performance tables are available.

Geisler Markets New Safari Model Water Cooler

H. N. Geisler Co., Inc., 591 N.E. 5th St., Pompano Beach, Fla., markets a new 1965 model SR-12 Safari LP-Gas water cooler for courses. The unit features a 12-gal. stainless steel reservoir and is designed for easy cleaning. Operating for less than 6% cents per



day, the water cooler has a reliable, time-tested refrigeration unit. The Safari cooler is said to be easy to maintain.

New Wilson Staff Ball Designed for Slammers

Wilson Sporting Goods Co., 2233 West St., River Grove, Ill. 60171, offers a selected high

compression staff ball, designed for the exceptional hitter, who tends to over-compress a softer ball. The special liquid center, pressure packed natural rubber windings and Cadwell balata cover are said to pass meticulous quality control tests.



Febco Redesigns Vacuum Breaker with Brass I.D. Plate

Febco, Inc., 9121 Glenoaks Blvd., Sun Valley, Calif., has redesigned its 770 vacuum breaker to meet WPOA and the City of Los Angeles ap-

proval. The heavy-duty breaker now carries a brass serialized identification plate riveted to each of its two check valves to insure Febco quality. The iron body, brass-trimmed check valves are galvanized on interior surfaces. Closing members are all brass with



stainless steel hinge pins and soft neoprene discs. The units are shipped completely assembled and tested.

Royal Guardsman Available in Various Designs

American Mat Corp., 587 Park Ave., Wapakoneta, O. 45895, offers a choice of pyramid or

ribbed surface in the Royal Guardsman, one-sectional, heel-proof entrance and lobby mat. The mat is constructed in molded links with a special interlocking design for dimensional stability. Any



pattern or design is produced from multiples of approximately 4 by 4 in. squares of various colors.

Barris Firm Distributes New Board Golf Game

The Barris Corp., 235 Iverson Way, Charlotte, N. C., manufactures a game called Birdie Golf, which is played on a 22- x 25-in. board with a full-color aerial view of a championship course. A game for the whole family, Birdie Golf is played shot by shot and hole by hole in simulation of actual professional matches.



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- 20 yards * Soon to be standard with most major club manufacturers — write —

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H. Coster (I) of H. Coster Electric Car Sales and Service in Indianapolis, Ind. and J. D. Eastman (r), Coster's Louisville manager, are seen at the Coster warehouse where several tri-level rail cars are being unloaded. Each rail car is 100-feet long and 18½-feet high when loaded. There are 66 golf cars on each level. These Cushman cars are among the first to be transported in this manner. Coster has opened a sales and parts depot at 4435 Hammersly Rd., Madison, Wis. 53711, that will serve all of Wis. and parts of Minn. and Ia.

Give Martins Housing — They War on Mosquitos

Pointing out that a purple martin will "eat 2000 mosquitos a day," Meredith Separator Co., 10 Polk St., Cleveland, Mo. 64734, is marketing Trio-Musselman bird houses designed to attract martins. The units are all aluminum of baked-on white with green enamel finish. The manufacturer says they require no painting and are light weight and easy to install. The houses are available in 12 and 14 bird sizes. A telescoping 14-ft. mount is also available.

1965 Burgett Glove Line Features Eight Styles

The 1965 golf glove line of K. L. Burgett Co., Peoria, Ill., features eight styles, including the B2B fine imported capeskin full finger model (photo). Other models are of leather and combination leather with helanca nylon. Half finger styles in contrasting colors and full and half



fingter styles in stretch gloves are available.

Jacobsen Reports on Profits

Jacobsen Mfg. Co., Racine, Wis., reports six month net sales of \$7,965,814, a 5.7 per cent increase over the same six months of the last fiscal year. Net earnings rose to \$102,590 and \$.26 per share in comparison with \$87,341 and \$.22 per share in 1964.