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and one of the finest gentlemen sportsmen the game has seen . . . He is survived by his widow, the former Mary Berkout, a son, Robert, two grandchildren and a great-grandchild.

Cliff Hallberg now manager at Hiwan GC, Evergreen, Colo. . . . He formerly managed Detroit AC and Forest Hills, Rockford, Ill. . . . George Adams, onetime supt. at Tan O'Shanter in Canton, O., died recently . . . He was formerly the president of the Northern Ohio GCSA and operated a large greenhouse after leaving the golf business . . . Clyde Lyons, nephew of Bill, owner of the Lyons Den GC, Canal Fulton, O., now supt. at Mayfair CC, Akron, O. . . . Southern Senior to stage a tournament at Sapphire Valley CC in N.C., June 25-27 . . . World Amateur Senior Four-Ball to be played at Pinehurst, Nov. 9-14.

Texas Turfgrass Assn. has its summer field day schedule for July 7 at Texas A & M, College Station . . . Bob Anderson, who was supt. at Quail Hollow CC, Charlotte, N.C., has moved to the new Lone Palm GC, Lakeland, Fla. . . . 23-

year old Jim Tabor, son o fEd, who is pro at West Shore CC, Camp Hill, Pa., won 37th annual Eastern Intercollegiate played in May at Princeton University . . . Spencer Ellis, a past president of the Texas Turfgrass Assn., now supervisor of forests and parks for the State of Maryland.

Dick Farley and Harry Obitz are putting on the second annual Montauk Fly-In tournament at Montauk (LI, N.Y.) G&CC, June 17 . . . Last year, 75 golfer pilots and passengers flew to the course for the tourney . . . Prizes include awards to those who fly the farthest . . . Harry and Dick also putting on second annual Montauk Junior championship, June 29 . . . Last year there were more than 100 Long Island Juniors entered . . . No entry or green fee is charged and a big free barbecue is held as the prize award dinner.

Laurel Valley CC, Ligonier, Pa., will be host to 1965 PGA . . . Winged Foot took a look and passed up the champion-ship as a World's Fair sideshow . . . Laurel Valley, in suburban Pittsburgh, a grand golf course where Paul Erath is pro-supt.

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Golf BUSINESS News

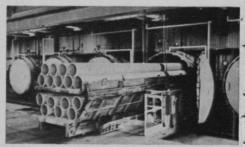
"Scrambler" Is PGA Utility Club

PGA Golf Equipment Co., 8350 N. Lehigh ave., Morton Grove, Ill., has introduced the "Scrambler", designed to save strokes from anywhere on the course. A flange blade adds impact when distance is required. The Scrambler's four-iron loft keeps shots low. performance Excellent promised from the rough, into the wind and from under trees or low-hanging obstacles. The Scrambler is also said to be ideal for short pitch shots around the green. The club is available in 35 or 36inch length.



\$10 Million Flintite Pipe Plant Dedicated by Ohio Governor

Flanked by company officials and over 700 guests, Governor James Rhodes welcomed "the world's most modern and advanced asbestoscement plant" to Ohio's booming industrial fold, in his address dedicating the new Flintite.



Off the production line, the Flintite pipe, shown above, is automatically placed in giant autoclaves which steam-cure the pipe for chemical stability and high strength.

pipe plant at Ravenna, April 30. Built by The Flintkote Co., New York and operated by its Orangeburg Mfg. Co., Div., the 183,000-sq. ft. plant houses two high-speed, electronically-controlled production lines — one making pipe in 13-ft. lengths, the other in 10-ft. lengths. In production only part of 1963, the new plant

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If a change has been made in your operating officials and department heads for 1964

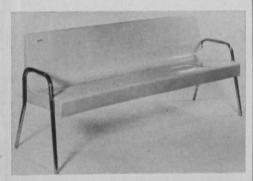
turn to page 128

and make certain that those responsible for your club's successful operations are kept informed on the latest in operating practices and products.

which produces pipe for municipal, golf course, etc. water lines, was reported by Flintkote's treasurer, James McCauley, to be on a current around-the-clock schedule to meet the demand. Bob Hunter, formerly supt. at Calonie CC, New Scotland, N. Y. is chief installation instructor for the Orangeburg Div.

Fiberglass Furniture Line Introduced by Hill Co.

Hill Engineering and Manufacturing Co., 102 West 31st St., Independence, Mo., 64050, has



introduced a complete line of low-cost, lightweight fiberglass club furniture. Included in the line are tee benches, lockerroom benches and clubhouse furniture.

Certain-Teed Promotes Four

Malcom Meyer, president of Certain-Teed Products Corp., recently announced the following elections by the board of directors: Morris C. Hoven to the position of vice president; Joseph V. Mannino, comptroller; Norman J. Mueger, treasurer; and Charles E. DeLong, assistant secretary.

Turf-Truckster Brochure

Cushman Motors, Lincoln, Neb., has prepared a four-page brochure covering the many uses of the three-wheel Turf-Truckster. It is available on request.

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Snead, Casper Star in Wilson Film

Wilson Sporting Goods Co., 2233 West St., River Grove, Ill., has made an instruction film featuring Sam Snead and Billy Casper. It was made at Snead's home course, Greenbriar GC in White Sulphur Springs, W. Va. Snead and Casper give tips on driving, fairway shots, approaching, bunker shots, chipping and putting. The film is available free from Wilson or Ideal Pictures, Inc., distributors to organizations interested in golf.

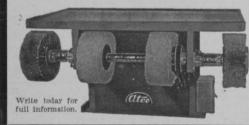
Crabgrass Prevented with Safety to Bentgrass

Pre-San, introduced recently by Mallinckrodt Chemical Works, Second and Mallinckrodt Streets, St. Louis 7, Mo., is said to offer outstanding pre-emergence control. Pre-San prevents soft crabgrass, silver crabgrass and poa annua with one treatment per year. It is safe to apply on bentgrass and other fine turf including hybrid Bermudas, according to Mallinckrodt.

Denver M. Wright, Jr., Co., 7707 Clayton Rd., St. Louis, Mo., 63117, offers bridge score pads and talleys with clubhouse or emblem sketched on the cover. The black and white sketch is made from a photograph and applied to the finest, white art-cover stock.

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Hogan Golf Balls Come In Gift Package

The Ben Hogan 90-plus golf balls have been specially packaged for Father's Day. Available from Ben Hogan Sales Co. Co., 2919 W. Pafford St., Fort Worth, Tex., 90-plus balls are said to be designed for the power hitter. Each contains the RER factor, a Hogan exclusive, that adds greater distance, according to the manufacturer.



Toro Announces Changes in Marketing Staff

Toro Manufacturing Corp., Minneapolis, Minn., has announced several changes in its marketing division, effective July 15. Claude W. Morris, former manager of the field sales operations, has been promoted to marketing manager of consumer products. Peter K. McDonough has moved from his spot as Toro's eastern district marketing representative to fill Morris' former post. George L. Polites has joined Toro as an eastern district marketing representative.

Neet-Kleet Cleans Golf Shoes Quickly

An electrically powered, rotary brush shoe cleaner has been introduced by Leonard Industries, 14877 Valley Vista Blvd., Dept. S, Sherman Oaks, Calif.

Sherman Oaks, Calif.
Neet-Kleet is made
with durable nylon
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seconds to remove mud
and grass from golf
shoes. Ideal for golfers
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floors and carpets. Coin operation is optional and the device is said to be maintenance free. Neet-Kleet is mobile and requires standard 110v A.C. electrical source.

Ezee Flow Issues Brochure

Ezee Flow, 3428 N. Harlem, Chicago, Ill. 60634, has issued a brochure covering turf-care equipment. Information and specifications are given on the firm's line of fertilizer spreaders.

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Improved Powered Sweeper Introduced by Parker

Parker Sweeper Co., Springfield, O., has introduced a gasoline powered sweeper that can do many types of sweeping jobs with accessory kits. The new model is designed to replace the firm's VAC-35 series by offering flexible hose, rubber roller, bag platform, scraper brush and magnetic rod kits. Desirable features of the



VAC-35s, such as lightweight construction and maneuverability, have been retained, according to Parker.

Croquet Putter Made by Golf Designs

Responding to an increasing interest in croquet putters, Golf Designs, Inc., P.O. Box 249, Fitchburg, Mass., 01421, has introduced four clubs with different head shapes and weights. The use of croquet putters, according to the firm, gives these three advantages: (1) it's easier to keep the blade square to the hole; (2) the golfer faces the hole and has a direct line of vision; (3) if the golfer moves while putting, bad effects are kept at a minimum since he moves toward the hole.

Brochure Describes Plastic-Aluminum Irrigation Pipe

International Protected Metals, Inc., P.O. Box 543, 2624 Hamilton Blvd., South Plainfield, N.J., has released a four-page brochure describing the firm's new aluminum-plastic turf irrigation pipe. The pipe has a chemical bond of plastic to aluminum, a molecular union that inseparably joins the two dissimilar materials as one substance. IPM pipe is said to combine the strength of aluminum with the corrosion resistance of plastic. Permanent high tensile strength and indefinite long life are among the features described by the manufacturer.

Ekern Added to Staff of Harley-Davidson

Harley-Davidson Motor Co., Milwaukee, Wis., 53201, has added Robert W. Ekern to its staff of golf car representatives. Ekern joins Harley-Davidson after six years with Westinghouse as a district sales manager. In his new position he assists district manager and dealers in developing and dealers in developing and dealers in design.



veloping and promoting golf car sales, customer and public relations activities and financing and insurance.





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"Headshrinker" Keeps Head Still During the Swing

A mechanical aid developed by a Cal Tech graduate and distrib-uted by L.A. Supply Co., 2261 South Atlantic blvd., Los Angeles, Calif., 90022, is said to solve the problem of keeping the head still. Acting as a reminder to avoid swaying back and forth, ducking and lifting, the Headshrinker is adjustable to any size golfer, right or left handed. Some golfers who have used the Headshrinker have learned proper pivoting and followthrough and developed accuracy and greater distance in a surprisingly short time, according to the inventor.



Victor Electric Officers

The directors of Victor Comptometer Corp., 3900 N. Rockwell, Chicago, Ill., 60618, have elected A. F. Bakewell, president, and A. C. Buehler, Jr., executive vice president.

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One-Year Warranty Covers Kohler Engines

Kohler Co. of Kohler, Wis., has replaced its former 90-day warranty with a one-year warranty for all Kohler engines and electric plants. The Kohler warranty covers normal use, including rental operation. No limitation on hours of use is made by Kohler. Like any equipment warranty, Kohler's warranty does not cover parts which have been subject to abuse, misuse, negligence or alteration, or which have served the normal wear life.

Golf Record Conditions Rather Than Teaches



A new record, "7 Days to Better Golf," is being distributed by Eddie Mays and Bobby Grayson, Inc., P.O. Box 1529, Portland, Ore. According to the firm, the record does not claim to instruct the beginner in fundamentals. Checking the swing with a pro before

using the record is recommended. The recording is said to condition the golfer "to consistently play a relaxed, and well-coordinated game."

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Aqua-Dial Sprinkler Covers Large Area

The rotary-gear driven pop-up sprinkler head manufactured by Aqua-Dial, P. O. Box 1325, Newport, Calif., is said to be widely accepted for large area coverage. With a ½-in. nozzle, 100 psi and 74 gpm discharge, the Aqua-Dial pop-up sprinkler covers a 230-ft. diameter. Its even precipitation pattern makes it the leader in the turf irrigation field, according to Aqua-Dial. The pop-up sprinkler, the firm

pop-up sprinkler, the firm states, has consistently proved itself in the field for the last three years.

> Vertical Bag Racks Solve Many Storage Problems

The two-tier vertical bag racks made by the A. G. Stafford Co., P.O. Box 287, Canton, O., provide stand-up storage of many bags in a limited area. Vertical storage of golf bags permits maximum air circulation around each bag to speed drying and avoid damage from mildew, says this firm. Wear and tear is also said to be reduced and handling is easier.

Betsy Rawls Designs Wilson Clubs

Woods and irons for lady golfers are made by Wilson Sporting Goods Co., 2233 West St., River Grove, Ill. Designed by tournament champion Betsy Rawls, the woods are Strata-Bloc treated to seal out moisture. Irons are chrome-plated Power-Flare design. The Aer-Flo shafts have tan and black calfskin reminder-grips. Betsy Rawls Wilson clubs are matched with nutter nitch



matched with putter, pitching wedge and sand wedge also available.

Turface Used at World's Fair

Turface, manufactured by Wyandotte Chemicals Corp., Wyandotte, Mich., 48193, has been selected for use at the New York World's Fair. Turface is being used on all planting beds. The chief benefits that the product provides are moisture retention and soil aeration. Turface also has fire-proof qualities.



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Cushman Turf-Truckster Is Versatile Worker

The Turf-Truckster, made by Cushman Motors, Lincoln, Neb., is a compact 8½-ft. long by 55-in. wide vehicle, yet is said to be powerful enough



to operate as a middle weight tractor. The Truckster is capable of carrying a 1000-lb. payload up steep inclines and pulling gang mowers and trailers over irregular terrain. Optional equipment necessary to handle many grounds maintenance jobs includes hand sprayer, boom sprayer and fertilizer spreader.

General Battery Acquires States Batteries, Inc.

General Battery and Ceramic Corp., Reading, Pa., has acquired States Batteries, Inc., Los Angeles, Calif. The acquisition adds plants

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in Los Angeles, San Francisco, Portland and Seattle to the firm's present operations in Reading, New Philadelphia, O., Frankfort, Ind., and Greer, S. C. Said to be one of the nation's five leading manufacturers of automotive replacement batteries, General Battery also manufactures batteries for golf cars, marine use, aircraft, tractors and emergency lighting.

Cushman Motors Promotes Stephan and Smith

Atlee Stephan, Jr., formerly Eastern sales manager for Cushman Motors, has been promoted to sales manager for the Lincoln, Neb.,

firm. C. O. Smith moves from the position of national accounts manager to take Stephan's eastern region position. The promotions were made necessary by Cushman's accelerated



Stephan Sm

sales program and the expansion of its line of industrial vehicles. Stephan has been with Cushman since 1946 and Smith since 1953.

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Certain-Teed Promotes Three Key Executives

Three key executives in the asbestos-cement pipe division of Certain-Teed Products Corp. have been promoted. M. Stanley Davis, form-





Reichel

erly vice president of the division, is now executive vice president. James R. Reichel, general manager, and Ralph Lanz, production manager, have been named vice presidents. Certain-Teed, said to be the nation's second largest producer of asbestos-cement pipe, has plants in Hillsboro, Tex.; Santa Clara, Calif., and St. Louis, Mo. Its headquarters and home plant are in Ambler, Pa.

Allis-Chalmers' sales of \$199.1 million for the first four months of 1964 marked an increase of 15 per cent over a year ago, Robert S. Stevenson, president, told share owners at the recent annual meeting.

Verkamp Adds Third **Golf Pal Product**

The Verkamp Corp., Cincinnati, O., 45237, has added Slip-Not to its growing line of Golf Pal products. Applied to the hands, Slip-Not is said to provide a sure grip without a sticky build-up on club grips. Slip-Not washes off quickly after a round of golf, according to the firm. Other products in the Verkamp Golf Pal line are Insect Repellent and Foot Spray. Slip-Not comes in a squeeze bottle. The two other Golf



Pal products are in aerosol spray cans.

Increased Sales, Pre-Tax Earnings Reported by Victor Comptometer

An 18.5 per cent increase in sales and a 14.4 per cent rise in pre-tax earnings were reported for the quarter ending March 31, 1964, by Victor Comptometer Corp., Chicago, Ill. Sales rose to \$17,911,004 from \$15,115,706 in the same period a year earlier. Earnings totaled \$1,419,044, or 31¢ per share, compared to \$1,240,290, or 27¢ per share for the 1963 first quarter.

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