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TURF BIRD

a new concept*
in fairway watering

* **LIGHT** . . . Rugged, aluminum alloy construction makes the new Turf Bird a "Lightweight" . . . with "Heavyweight" power.

* **LOW** . . . a new, lower angle of trajectory (21°) assures uniform coverage even under windy conditions.

* **VERSATILE** . . . the exclusive, "Hi-Lo" nozzle permits *pin-point adjustment of area and amount of coverage* to suit any application. The new Turf Bird line includes a variety of sprinkler heads especially adapted for use with quick coupling valves for complete turf irrigation systems.

For complete details see your local Nelson-Rain Bird dealer . . . or write direct to

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RAINY SPRINKLER SALES
Div. of L. R. Nelson
Mfg. Co., Inc.
609 W. Lake Street,
Peoria, Illinois

In West:

NATIONAL RAIN BIRD SALES & ENGINEERING CORPORATION
P.O. Box 547,
Azusa, California



Turf Bird 8085 . . . assures uniform coverage of large fairway areas up to 232 ft. in diameter.



Turf Bird R-7075 . . . portable greens model pin-points coverage up to 152 ft. in diameter.

5918

"Profile" Styling Highlights Bags Made by Hinson

The 1961 line of golf bags made by Hinson Mfg. Co., Waterloo, Ia., features "profile" styling. Clothing, ball and accessory pockets have been contoured to the shape of the bag itself. All bags made by the firm are of lightweight Hinson vinyl plastic with leather trim, and all have round bottoms of cyclocac, a high impact thermoplastic. Ten color combinations are available. Matching tog bags and shag bags also are made by Hinson. The Pro model (7993) has built-in stow-away umbrella and putter sleeves while features of other models include either a 14-club Uni-vider with compartments for each club or a three-compartment Tri-vider.



Tri-Powered's "Tee Birdee" Comes in Electric, Gas Driven Models

Just coming on the market is "Tee Birdee," available in electric or gas driven models. The cars are being designed and built by W. L. Bales, pres. of Tri-Powered Corp., Austin, Tex., the firm that produces them. Features of the new models include: 2½ gal. fuel capacity (a full

golfing day's supply); Spicer Automotive differential assembly; Muffled intake and exhaust; Automatic transmission; Oversize acceleration pedal; 7 hp Kohler engine; Continental style body that is said never to need paint; Wide base 6½ in. rims for weight distribution that



spares turf; Four interchangeable springs (coil) plus new suspension that is said to give an effortless ride. Eric Wahlquist is sales dir. of the Tri-Powered Corp.

Big Improvement in Tee Mats

H. M. Wise, 212 Helen ave., Mansfield, O., has introduced what it claims is the greatest improvement in Tee Mats since they were introduced to ranges. The 10-in. Magic Fluff driving section is attached to solid rubber end strips with a special link weave in the center. No clips are used and the mat will not curl at the ends or corners. Tee Mats come in standard 4 x 5-ft. sizes or special sizes. Model A weighs 70 lbs., Model B, 100 lbs. Model B is available in special construction for use with mechanical tee

machines. The patented 'Fluff' is said to practically eliminate all scuffing and staining of balls and clubs.

Gripdust for Easy Mopping

Gripdust, manufactured by C. B. Dolge Co., Westport, Conn., should ease the dusting problem in pro shops, clubhouses, etc. The product is contained in a 16-oz. aerosol and it is only necessary to spray a mop or cloth with it to put

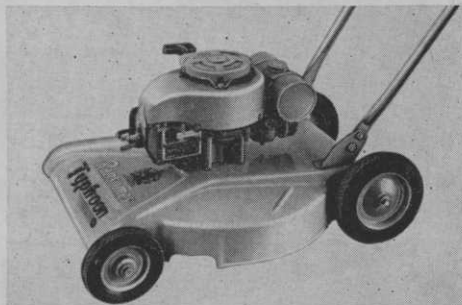


it to work. It dries instantly and there is no diluting or soaking in preparing the mop or cloth. Gripdust picks up dust as if magnetized and it has a pleasant aroma.

Buyers' Service • P 111

Typhoon's "Air-Flo" Blades Give Grass Level Cut

Ransomes Sims & Jefferies, Ltd., Ipswich, Eng., has fitted its new 18-in. Typhoon rotary mower with upswept tip "Air-Flo" blades that



create a strong suction effect that brings grass erect for level cutting. Turbulence created by the blade also gives clean ejection. Wheels on the Typhoon are inset to permit cutting to within 1/2 in. of trees and obstructions. The mower is powered by either a Clinton 2-stroke (94cc) or 4-stroke (117cc) engine fitted with recoil starter and air-vane governor.

Tri-State Toro Co. has moved to larger quarters, 518 Harrison st., Davenport, Ia., according to Bill Stafford, pres.

TURF that Speaks for Itself!

The Gerbers Are Perfectionists

One seldom, if ever, finds anything but perfection at Ray's Glen Oak or Don's Chicago Golf Club courses. Both father and son are noted for keeping their members happy.

Ray is a leader in the superintendent's profession. He is a past president of the National and has held this office and others in the Midwest group. Closely following his father's dedicated approach, Don is currently Secretary-Treasurer of the Midwest Association.

Stressing the "big little things" neglected by some, both courses exemplify good grooming through-the-green. Naturally the turf is excellent always. Both men rely on MILORGANITE to get and keep it that way.



If you have a Turf Problem, consult the Turf Service Bureau,

THE SEWERAGE COMMISSION, Milwaukee 1, Wis.

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USE MORE

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THAN ANY
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Get beauty teamed with durability and cleaning ease. That's Magic Fluff. It comes in a rich, oriental color blend to suit any decor. All orders are custom made to fit individual floor areas. Write for a *Special Trial Size Magic Fluff Mat Sample . . . 17" x 32" \$5.00 postpaid.*

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- Club Bars
- Pro Shops
- Hallways
- Entrances

H. M. WISE DISTRIBUTOR OF QUALITY PRODUCTS AND SERVICE
212 HELEN AVENUE — MANSFIELD, OHIO



Here is the Wm. Joyce El Dorado golf shoe for women, custom made by Bowen of Pasadena, Calif. It is of white French calf with alligator wedge and strap and has polka dot lining.

Use Tractor Combination for Backfill Tamping

Muellermist Irrigation Co., Broadview, Ill., used the weight and the powerful hydraulic system of an International 340 Industrial tractor



to compact a backfilled ditch following installation of a watering system at Ravisloe CC, Homewood, Ill. Wheel brakes allow the tractor to be steered when the front wheels are off the ground. The wheel and tractor combination, according to Muellermist, was 25 per cent less expensive than tamping. At Ravisloe, 14,000 ft. of 8-in. pipe and some 12- and 15-in. pipe was installed.

AMF Pays \$3,000,000 for Hogan Golf Company

American Machine & Foundry Co. of New York paid approximately \$3 million for the Ben

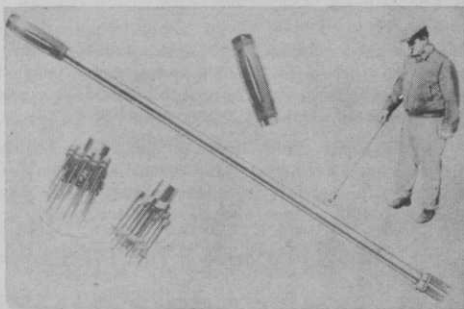
Hogan Co., Ft. Worth, according to reports. The sale was effected through a transfer of AMF's stock in exchange for Hogan Co. assets. Acquisition of the Ft. Worth firm is a significant extension of AMF in the leisure-time field. Besides golf it now has interests in bowling equipment, skin diving equipment, bicycles and engine-powered toys. Hogan will continue with AMF in design, development and sales promotion of the golf line and Edward P. Rankin will stay on as general mgr. of the golf div. The Hogan Co. was organized in 1953.

Late in Dec., pros throughout the U. S. received a letter from Carter L. Burgess, AMF pres., telling them that the Hogan company policies will continue to prevail. Burgess pointed out that AMF has a big stake in the leisure time field since it produces bowling equipment, basketballs and footballs, and skin diving equipment and it expects to gain a firm foothold in golf with the help of the pros.

Ernie Sabayrac, Inc., Hialeah, Fla., will continue to distribute the Hogan line products.

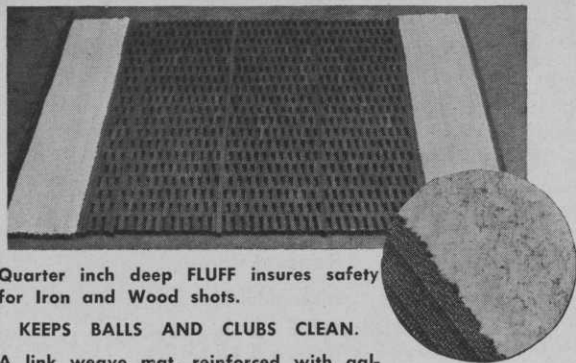
Improved Litter-Picker

Rowco Mfg. Co., Inc., Keene, N. H., has recently introduced a manually operated Litter-Picker. It has a 38-in. aluminum shaft that spears



all kinds and shapes of debris. Slight pressure on a spring-action handle completely clears prongs and ejects the litter into a container.

Buyers' Service • P 111



Quarter inch deep FLUFF insures safety for Iron and Wood shots.

KEEPS BALLS AND CLUBS CLEAN.

A link weave mat, reinforced with galvanized steel spring wire, provides durability in all kinds of weather.

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Magic Fluff* TEE MATS

*Protected by Patent 2338828

STANDARD SIZES

MODEL A - 4' x 5' - 70 lbs.
10'' Driving Section - \$22.

MODEL B - 4' x 5' - 100 lbs.
10'' Driving Section - \$25.

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Also custom orders
to your specifications.

O. J. Noer Joins Dick Wilson Staff

O. J. Noer, retired agronomist and sales mgr. of the Milwaukee Sewerage Comm. and long a major contributor to golf turf management,



Wilson staff discusses details of new course. (L. to r) Joe Lee, assoc.; Wilson, Bob Simonds, cost. supt.; Shelly Mayfield, p. r.; and Noer.

has joined the Dick Wilson staff as agronomist. Dick Wilson is the first course architect to avail himself of the services of an agronomist with a turf maintenance background. Noer's responsibilities will focus on soil textures, turfgrass selections and other features important to the efficient and economical management of new Wilson courses after their completion.

Jacobsen Hydraulic Schools

Sales engineers of Jacobsen Mfg. Co., Racine, Wis., have been conducting a series of schools for supts. and others on the hydraulic systems of Worthington tractors and gang mowers in recent months and will continue them through early spring. The course is based on a hydraulic systems manual compiled by C. D. Ackerman, service mgr. of the Worthington div. Teaching the courses are E. E. Berg, H. J. Capps, G. P. Carson and A. L. Van Pelt.

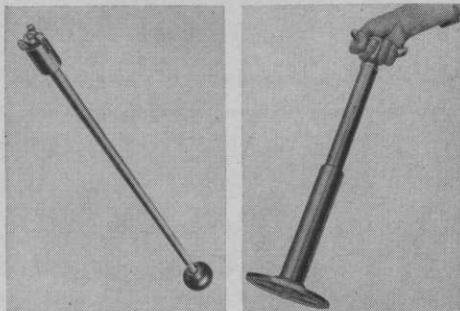
Hagen Golf Ensemble Made of Kangaroo Leather

The kangaroo leather Walter Hagen golf ensemble consists of a rich looking, finely detailed golf bag, matching carryall and four piece head cover set. Each piece is crafted of black leather with gold trim. The set or individual pieces are available in pro shops.



Standard Offers New Products for Easier Green Care

New products being distributed by Standard Mfg. Co., golf div., Cedar Falls, Ia., include the Cup Lifter (in left photo) and Dimple Doc-



tor (right). It is only necessary to place the Lifter in the socket of any cup, engage and pull up. There is no stooping with the form fitting handle and turf isn't disturbed during the removal operation. The Dimple Doctor is said to be the answer to the supt's prayer for a tool that quickly levels divots, heel marks etc.

Buyers' Service • P 111

SPIKE RESISTANT PNEU-MAT RUNNERS



MONEY BACK TRIAL OFFER:
Order a 24" x 60" trial section at \$12.50 postpaid. Test it on an area which gets especially hard wear. Money back if not satisfied.

Save your Club House Floors

● Rugged, reversible Pneu-Mat Runners, woven of rubber-impregnated fabric, outwear rubber, provide comfortable walking for spiked shoes with complete floor protection. Improve club house appearance. Competitive in first cost—lowest in long-life cost.

Standard Widths 20"—24"—30"
36"—42"—48"

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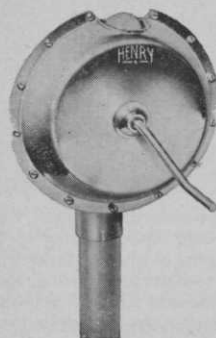
Dept. R, 321 N. Justine St., Chicago 7, Ill.

Toro Enters Car Field with Two-Cylinder Golfmaster

Toro Mfg. Corp., Minneapolis, a leading producer of moving equipment, has entered the golf car field with the introduction of the 10-hp Toro Golfmaster. The car is powered by a 2-



cylinder Onan gas engine, specially insulated for quiet operation, and has an auto-type electric starter. It has been in the developing and testing stage for three years, according to Robert Gibson, vp. The car is said to be capable of



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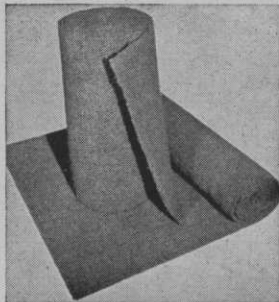
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ON SALE PRICE \$2.00 sq. yd.; prompt shipment, remittance check with order. Give street address for delivery.

CLINTON KENT BRADLEY — Box 2 Mtn. View, Wayne, New Jersey

climbing the steepest course hill and goes 18 holes on a gal. of gas. The frame is of heavy welded steel and the body is of 20-gauge reinforced welded steel insulated with glass wool. The car rides on aircraft type tires. The Golf-master is designed so that it operates only when the accelerator is depressed. Leasing and financing plans are being made available, according to Gibson.

Taylor Promoted by Wilson

Edwin C. Taylor has been named sales div. mgr. of Wilson Sporting Goods Co.'s Philadelphia branch. He was formerly sales mgr. of the Phila. div. He started his career with Wilson in 1937. Taylor played pro basketball from 1930 to 1942 in the Eastern League.



Overcome Windiness

A variety of models in the new "Turf Bird" series, marketed by National Rain Bird Sales & Engineering Corp., Azusa, Calif., have a low trajectory angle to overcome windy conditions.



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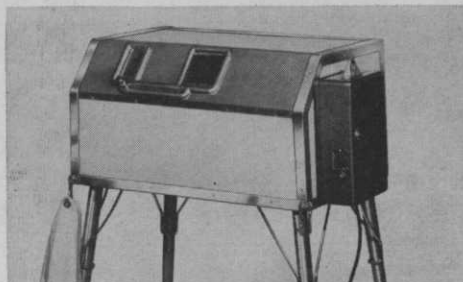
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Electric Washing Machine for Golf Clubs

Hilmac Corp., Box 650, Sheboygan, Wis., is marketing the Club Cleaner, described as an electric club washing machine. Powered by a



$\frac{1}{2}$ hp, 110 volt motor, the cleaner scrubs dirt and ball marks quickly from woods and irons. It has nylon brushes, separate access doors for woods and irons and internal illumination. Club Cleaner is available in a bench model, ideal for pro shops, and a coin operated model for ranges, semi-private and public courses.

Changes in Plymouth Staff

James G. Hogg, pres. of Plymouth Golf Ball Co., Plymouth Meeting, Pa., has announced the following additions to and changes in his firm's staff: Bob Jones is now in charge of pro sales in the Mid-Atlantic area; David Campbell, former senior accountant with Main & Co., is company controller; William Whitaker, former production mgr. has been appointed vp, manufacturing; and Joan Russell has been named secy.

Borm Markets New Type of Putter

Borm Mfg. Co., Big Timber rd., Elgin 6, Ill., is marketing the new Mark-N-Putt with a patented built-in marker. A simple tap on the green leaves a white spot to mark the ball's position. As a club, the Mark-N-Putt is said to be expertly balanced. It comes in short, medium and long shaft lengths.



Comptometer Firm Purchases Worthington Ball Company

Sale of the Worthington Ball Co. of Elyria, O., to Comptometer Corp. of Chicago was approved by Worthington stockholders early in Nov. The purchase, price not announced, was accomplished by a cash consideration. According to J. A. Schram, Comptometer pres., the Elyria plant will continue to produce the complete Worthington line of balls including the Sweet Shot and Les Stroke. Last year the plant had an output of more than 12 million balls. When announcement of the sale was made, Schram pro-



When Patty Berg observed her 20th anniversary as a member of the advisory staff of Wilson Sporting Goods Co., the company presented her an oil portrait of herself. She is shown at the unveiling with William P. Holmes, Wilson pres. Since joining Wilson, Patty has won 82 tournaments and more than \$140,000 in prize money.

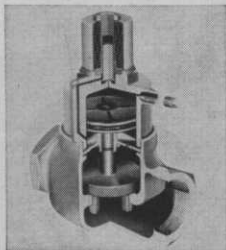
moted L. R. (Red) Barton to executive vp in charge of sales and said that all employee benefits, then in force, would be continued. The Worthington div. will continue to be operated under the direction of R. F. Smith and Myron E. Foote.

Thomas Develops Unique Jacobsen "Sound" Course

Roger J. Thomas, commercial products mgr. of the Worthington Div. of Jacobsen Mfg. Co., Racine, Wis., has developed a "sound" problem solving course that has been presented to several major gatherings all over the U. S. It is based on tape-recorded sounds of equipment that requires service and is supplemented with slide film showings. Of 45-minutes length, it will be presented by Jacobsen sales engineers in their territories and will be heard and seen at the company's service school programs.

Flexibility Is Feature of Febco's Remote Control Valves

Remote control valves made by Febco, Inc., 1993 Blake ave., Los Angeles 39, are extremely flexible when used in automatic sprinkling systems. In use they normally are closed, opening when actuated by an automatic controller and re-closed at the end of a prescribed period. A manual override gives independent control at the valve location. Febco No. 25 is automatically actuated by a hydraulic pilot tube, while No. 1825 has a solenoid controlled by simple wiring from an electric timing device. Both are made of rugged bronze, have O-ring seals and a single moving part with renewable composition disc. Rated capacity is 150 psi at 150 deg. F. Sizes range from 1 through 6 ins.



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Northwestern Markets New Metz, Pung Clubs

Professionals attending the Merchandising Show at Dunedin, Feb. 13-19, will have their first look at the new pro-only Dick Metz golf clubs and the pro model Jackie Pung clubs for ladies. Northwestern Golf Co., Chicago has utilized the counsel of Metz and Pung in producing these lines. They will be available for early spring delivery. In addition to Metz who heads Northwestern's pro advisory staff and Jackie Pung, other members are Pete Cooper, Stan Dudas, George Fazio, Marty Furgol, Chandler Harper and Jule Huot.

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Big Choice of Leather or Fiber in Hotze Golf Bags

Hot-Z bags, made by Henry Hotze & Sons Co., St. Louis, Mo., are available in wide varieties of either leather or fiber. Famed Hot-Z workman-



ship covers such things as hand-riveting in strain areas, finished strap edges that are beveled, polished and rubbed, lockstitching in stress areas and felled seams. Buyers have a choice of six kinds of leather and four types of fibers in purchasing Hot-Z bags. The firm's line of luggage includes two-suiters, overnights, weekenders and club bags. Hotze & Son company is observing

its 96th year. Catalogs can be obtained by writing to the firm at the above address.

West Point Marketing Manager

Theodore C. Smith has been named marketing mgr. for West Point (Pa.) Products Corp., according to Tom Mascaro, pres. Smith will have sales supervision over all the firm's turf tools including the battery-powered Lectro Lawnshear, a home market product.



Smith

Ball Markers Carry Messages

Mark-A-Ball Markers, distributed by Ted Longworth and Charlie Sullivan, PO Box 5844, Portland 22, Ore., can be obtained in lots of from 500 up to 25,000 or more. Plain markers are somewhat less expensive than those which carry messages such as "Fix Divots." The colorful markers also can be used for carrying ad messages. Complete details covering stampings and prices can be obtained from Longworth-Sullivan at the above address.

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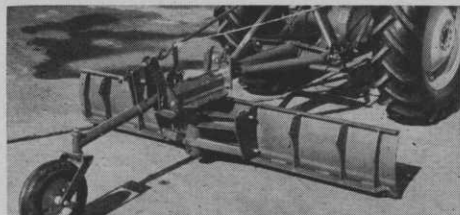
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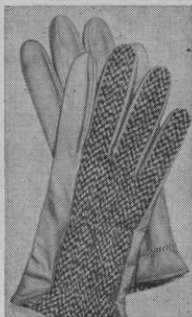
Whitehall 4-6530



Construction work loads are eased with Ford's new heavy duty adjustable blade. Available in 6- or 8-ft. heavily reinforced blades, it has the weight and capacity to fully use the performance potentials of new model tractors.

Cold Weather Golf Gloves

Par Mate's winter line of golf gloves includes the S-81 made of imported Capeskin with 100 per cent wool back of tan and beige tweed. Three rows of elastic give a snug fit. The S-82 is an all leather glove, banded at the wrist, with back lined with dacron and wool. Both styles are available in all sizes for men and women. Information on the Par-Mate line can be obtained from Jack D. Levine, Inc., 10 W. 33rd st., New York 1.



Organize Penn-Chem Products to Distribute Chemicals

Penn-Chem Products, Lansdale, Pa., has been formed in recent months to distribute selective chemicals and allied products with area distribution being made through recognized dealers in golf course supplies. Betty and Dave Hulshouser and Tom Harrison, all well known in the golf field, organized the new company which handles AMA, DSMA, Thiuram products, PMA-40, No-Gro and other products. Distribution inquiries should be sent to Mrs. E. A. Hulshouser, Box 575, Lansdale, Pa.

K & M Folder Available

Copies of Folder AP-27, "The Heart of A Good Water System," published by Keasbey & Mattison Co., Ambler, Pa., can be obtained free of cost from that firm. It describes installation and maintenance economies possible with asbestos-cement pressure pipe and the advantages of the K & M patented fluid-tite coupling in providing permanent leak-tight seals. Specification information also is included in the pamphlet.

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Constructed of anodized aluminum frame with base brush of hard wood and heavy duty plastic bristles. Side brushes high quality Tampico Fibre. All brushes removable, reversible, replaceable and carry one-year warranty.

Available in Grey, Orange, Yellow. 1 unit \$19.95; 3 or more \$17.95 ea., FOB Huntington Park, Calif. Ship. Wt. 5 lbs. **NOTE:** Postage paid if check received with order. Guaranteed satisfaction or money refunded. The **GOLF SHOE VALET** is the shoe cleaner that gets the job done! A proven product.

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Dunlop Sports Division's national sales conference was held at Greenville, S. C. where Paul Gibbs, sales mgr., presented the 1961 line of golf products. At the meeting were (Front row, l to r): Jimmy Thomson, Gibbs, J. Michael Billane, Dunlop pres., and Vaughn Clay, mgr. of the division's new plant in Westminster, S. C. (Second row) Robert Spurlock, Walter Long, Howard Ronning, Irving Chappel, Joe Evans, Jess Prudencio, Oscar Zesch, James Kane and Lee Smith. (Third row) R. E. Kinnen, Larry Gibson, Tom Moore, Terence Carney, Howard Fahey, Emmett Rowe, Harry Fogelman, Dan Ellis, Herb May and J. S. Langlie, Jr. (Back row) Ken Shulsen, Horace Horton, Charles Papousek, Jack McCullough, Elia Fottrell, Rex Wilson, Phil Quinn and Carl English.

**Truckster Mounted Sprayer
Has Numerous Uses**

A low cost spraying method for killing mosquitos and other insects, utilizing a portable sprayer mounted on a Cushman 780 Truckster, is being widely used. The sprayer, weighing 650

lbs. when the tank is filled, is mounted on skids and slid onto the Truckster. The combination can be used for water painting, weed spraying and fighting fires as well as for insect control. The Truckster has numerous uses around a course, carrying loads weighing up to 800 lbs.

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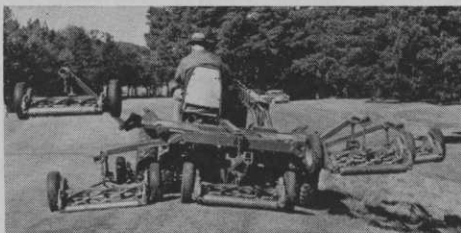
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Toro Introduces New Maintenance Fleet Financing Plan

Toro Mfg. Corp., Minneapolis, has introduced a fleet financing plan that eliminates heavy initial investment for users of institutional power mowing equipment including golf courses. The



The hydraulic unit above is covered in Toro's financing plan.

financing can be obtained either through Toro or its distributors in U.S. and Canada working with the C.I.T. Financial Corp. The plan is set up so that even the largest mowing equipment can be obtained for as little as \$200 a month. Users, such as courses, that need a variety of equipment for complete maintenance can obtain it for about \$400 a month. Rental rates are computed on 3.5 to 3.02 per cent per month on the base price for the first 40 months. There-

after, the rate is \$3.00 a month per unit. The lessee can sell back his unit and call for its replacement at any time before or after the 40-month lease period. Complete details can be obtained either from Toro or its distributors.

Available for Clinics

Nello Cammararie, a Chicago dist, pro for more than a decade, is available for teaching clinics. In the last year or so he has been engaged quite extensively in giving clinics through Illinois, Iowa and Indiana. These consist of about 30 minutes of demonstration and 1½ hours of individual instruction. He can be reached at 842 Ainslie st., Chicago 40, Ill.



Powered Products Distributor

Jimmy Champagne of Champagne Lawn & Equipment Co., Mobile, Ala., has been appointed distributor in Miss., Ala., and along part of the Florida Gulf coast for Caddy Car, made by Powered Products of Texas, Austin. This gives Powered Products of Texas and PP of Michigan complete nationwide coverage for sales and service.

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**New Compact Golf Car
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A new entry in the golf car field is a compact — a gas powered vehicle called the Springfield, made by Quick Mfg., Inc., Springfield, O. The one-passenger car has three wheels, posi-



tioned to prevent tipping. It is powered by 3½ hp engine with multi-baffle muffler and has an all-steel body with plastic undercoating to reduce noise. The Springfield has automotive type transmission and weighs only 173 lbs. Other features include impulse starter, spring-mounted seat and pneumatic tires. Quick Mfg. also builds tractors and riding mowers.

Trade Briefs

Sportsman's Golf Corp., Melrose Park, Ill., has added Bob Rosburg to its advisory staff . . . He has autographed and supervised design of the 1961 Bristol club line . . . Carol Mann, 19-year-old Midwest amateur star, has turned pro and signed with the Wilson Sporting Goods Co. advisory staff . . . She attended the U. of North Carolina, was medalist in the 1960 Trans-Miss and will play the Ladies PGA tour this year . . . Bag Boy is featuring the "Soft Ride" in its 1961 advertising . . . Carl Messelt, Unitox, Inc., Monterey, Calif., has received a memo from the USGA stating that use of its portable oxygen unit in tournament play isn't prohibited if play is not delayed because of it . . . This should be particularly helpful to older players . . . N. Burton Tretler, 175 Fifth ave., New York, is new vp of Sunstate Slacks, Tampa, Fla. . . . He's in charge of promoting Arnold Palmer sportswear . . . Triangle Conduit & Cable Co., Inc., New Brunswick, N. J., calls attention to the great season its public relations dir., Robert W. (Bob) Gardner, had in 1960 . . . Bob was runnerup in the USGA Amateur Championship, won the Metropolitan Amateur and Ike Tournament, sponsored by the N. Y. Daily News, and was finalist with Pat Tiernan in the National Amateur Mixed Foursomes . . . Gardner also was a member of the U. S. World Amateur

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REASOR-HILL CORPORATION
BOX 36GC, JACKSONVILLE, ARKANSAS

team that outdistanced the field at Merion last fall.

Pat Morgan, pres. of First Flight Co., Chattanooga, Tenn., did a lot of pointing with pride when his staffmen, Jimmy Demaret and Mike Brady, were elected to the PGA Hall of Fame last fall . . . In its 40th year of production and distribution of power lawn tools, Jacobsen Manufacturing Co., Racine Wis., has designated 1961 as its "growing and going" year . . . The computer operator for Ernie Sabayrac, Inc., Hialeah, Fla., figured that 1960 sales were up around 25 per cent over the previous year . . . More figures, in behalf of Foot-Joy Golf Shoes, show that the average golfer takes approximately 7,500 steps during a match and that a 160-pounder's feet absorb, transfer and propel about 1,200 tons of pounding force in 18 holes . . . Wilson Sporting Goods Co. recently erected a Sam Snead billboard facing a popular access to the Los Angeles Freeway . . . Thousands of motorists see it every day.

Ralph L. Lanz has been named vp-materials by Keesbey & Mattison Co., Ambler, Pa. . . He's a veteran of 25 years with the firm and has headed or worked with several different depts. . . Birdie Co., Inc., 393 Springfield ave., Summit, N. J., builds and distributes a one-man battery electric car that can be used to advantage in course maintenance work . . . It weighs only 181 lbs., is said to be practically

maintenance free and carries 100 lbs. of cargo in addition to the operator.

Harold Kneece, touring pro from Greenville (S. C.) CC, has been added to the advisory staff of Golfcraft, Inc. . . . A pro since 1956, Kneece led his sectional qualifying for the 1960 Open and finished tied for 29th at Cherry Hills in Denver . . . The MacGregor Co. is building a new golf ball plant in Covington, Ga. . . This gives the firm three major manufacturing facilities . . . Watson Distributing Co., Houston, has expanded to provide turf service for 38 more Texas counties . . . 72 clubs in Southern Calif., Ariz. and Hawaii mail scores of about 15,000 members to Integrated Data Corp., Costa Mesa, Calif., for handicap computation . . . Another young lady who has turned pro, joined the Wilson Sporting Goods advisory staff and will play the Ladies PGA circuit, is Judy Kimball . . . A 22-year old Sioux City, Ia., native, she was semi-finalist in both the 1959 Trans-Miss and 1960 Western Amateur.

Shell Chemical Co. recently obtained a patent on DDVP, an insecticide that is effective in controlling flies, mosquitoes, etc. . . . Its trade name is Vapona . . . Bowen, Inc. (Wm. Joyce shoes), Pasadena, Calif., has signed Barbara Romack of the Ladies PGA to do publicity and promotion work . . . Bob Rosburg and Doug Ford have joined the Bowen advisory staff.

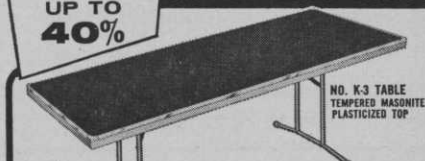
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