ing "stranded". The car is rugged. Ground-hugging center of gravity, says the makers, insures against "topping" on sudden turns or oblique hill climbs. Seating is wide and comfortably cushioned with thick foam rubber. Oversize tires protect the turf. The Westcoaster is now being advertised and sold nationally.

WORTHINGTON FRONT LOADER

A front end loader with 1/3 yd. bucket and snow plow now is being made for Worthington Mower Co. Model F tractor. Loader and snow plow are interchangeable, and are easily attached to the front wheel drive, rear wheel steering tractor.
PROFESSIONALS!

Increase your earnings!
Regrip all clubs with...

Flange Wrap Grips
Obtain from your distributor

C.S.I. Sales Company
Salon Center Bldg. • Salon, Ohio
Exec. Office: 536 Terminal Tower, Cleveland 13, Ohio

NEED SUPPLIES?
See page 101 for help in ordering

GOLF PRINTING
Score Cards
Charge Check Books
Greens Maintenance Systems
Stationery for Club and Pro
Handicap Cards and Panels
Fibre Bag Tags and Hooks
VESTAL CO., 701 S. LaSalle
Chicago 5 Phone: HArrison 7-6314
Established 1912

STUBBORN GREENS & FAIRWAYS

TRIAL OFFER
Gal. with automatic spray gun.
Reg. $6.90
$4.95

Keep your course in tip-top condition with easy-to-apply Gro-Green.

30 gal. drum $2.08 gal.
55 gal. drum $1.98 gal.

Liquid Gro-Green contains all essential Trace and Micro-elements, hormones, and vitamins that provide balanced plant diet without waste. For greens, use handy spray gun shown below. Fill glass container with undiluted Gro-Green and connect to hose. Spray gun automatically mixes 1 pint Gro-Green to 15 gallons of water. 1 pint covers approximately 2000 sq. ft. For fairways, use ordinary mounted sprayer. Mix 2 gallons Gro-Green with 8 gallons water, use 10 gallons per acre nozzle. Weed killer may be mixed with solution and both sprayed on at one time.

Wire or write for price list. Dealer inquiries invited.

H. D. CAMPBELL CO.
ROCHELLE, ILLINOIS

HEAVY-DUTY GRASSLAN AERIFIER IS NEW

The new Grasslan tractor-drawn Aerifier is a heavy-duty model that gives gang-width coverage with a single unit. This Aerifier is made for large areas, operated on a limited budget. It is suitable for use on fairways, parks, athletic fields, school or industrial lawns. The Grasslan cultivates a continuous 6 ft. swath. Two hydraulic cylinders provide synchronized lowering and raising of the wide cultivating reel. It may be equipped with 1 in. or ¾ in. diameter spoons. It is easy to transport; rides on regular 6.00 x 16 pneumatic tires. Simple, rugged design assures years of use with minimum upkeep expense. Rigid construction and built-in disc weights produce uniform cultivation of the wide swath, makers say. Weight of the unit is 1000 lbs.

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You'll improve your course with **SKINNER** irrigation

Individual units or complete "tee to green" systems. Precision made of brass, bronze and stainless steel parts to assure dependable performance for years. Write today for specifications. THE SKINNER IRRIGATION CO., 415 Canal St., TROY, OHIO.

"Pioneer and Leader in Irrigation for Nearly Half a Century"

**WALTER R. NAY, MALLINCKRODT EXECUTIVE, DROWNS**

Walter R. Nay, 51, Chicago Regional Mgr. for Mallinckrodt Chemical Works, drowned on April 6 in Florida, where he was vacationing with his family.

Mr. Nay joined Mallinckrodt in 1933 as assistant mgr. of the Chicago office, became mgr. in 1935, and in 1949 was named mgr. of the north central states region.

He was active in several chemical and drug industry associations.

Always conscious of his civic responsibility, he was president of the Flossmoor, Illinois, Park District in 1946, Chairman of the Drug and Chemical Division Committee for the Chicago Red Cross in 1945, and of a similar committee for the Community Fund in the same year. In 1946 he was Community Fund Chairman of the Manufacturers Division. He was also head of the Drug and Chemical Division of the Boy Scouts.

**PEDERSEN ISSUES NEW "PRO ONLY" CATALOG**

The Pedersen Sales Co., Wilton, Conn., has issued an attractive catalog of its pro only line of custom-made woods and irons for men and women, its golf ball, women's "Foxridge" golfwear line, its Crest golf shirts for men, Pedersen and Mace gloves, and more.

**FOR GRINDING**

Peerless 600 Mower Grinder. Designed for heavy-duty mowers . . . but sharpens all mowers . . . from smallest edger to largest fairway mower . . . with speed and precision. No disassembling of mower needed. Adjusts instantly for exclusive "hook" or straight line grinding.

Write for Catalog Now

The FATE-ROOT-HEATH COMPANY
Dept. G-5, Plymouth, Ohio

---

**SOIL AIRE TRACTORAIRE**

Used on over 700 Country Clubs

Perfect Coring—Follows any contour—No Surface Disturbance.

**SOIL AIRE INDUSTRIES**

Minneapolis 3, Minnesota

May, 1954
golf bags, shag bags, and other luggage and other playing equipment and accessories and shop supplies.

Pedersen has been growing soundly with its pro only policy and is pushing its sales thru pro shops with a stepped-up advertising campaign.

"ALL-IN-ONE" CLUB NEW PLANT

International Golf Products, makers of the “Miracle Adjustable All-in-One” golf club has moved into its new plant at 204 Oakbrook Rd., Hinsdale, Ill.

The company reports that business is excellent in its specialty club and that an increasing number of good golfers are mending the club as a convenient substitute for an extra set, although the new golfers’ market constitutes the largest part of the sales volume.

ROSEMAN’S HYDRAULIC TRANSPORT

New ROSEMAN hydraulic transport mower features adaptability to any tractor or towing vehicle along with self-contained hydraulic system mounted on mower frame. It takes only a minute to hook up, has hollow-roller-drive and rear-wheel-drive trimming features included. Complete details from manufacturer at 2620 Crawford, Evanston, Ill.

IT’S NEW and TERRIFIC

Pro-Grip

DRY HAND CREME

PRO-GRIP Dry Hand Creme removes perspiration from the hands and leaves them soft and velvety. It enables the golfer to have a firmer and more reliable grip on the golf club.

Retail for 50c

MANUFACTURER’S SPECIALTY CO. Inc.
2736 Sidney St.
St. Louis 4, Mo.
SELL PAR TUBES NOW! WHY WAIT?

The demand is terrific and the profits are quick. PAR TUBES superior construction proves them tops in the field. A Must for any golfer who wants to protect his grips the full bag length and obtain a friction-proof bag with an individual compartment for each club. PAR TUBES are dropped into oval or round type bags allowing a numerical arrangement of clubs. PAR TUBES fit into and strengthen individual compartment bags, allowing full free use of EVERY compartment.

PAR TUBES are Strong — Moistureproof — They are endorsed by Pros and Amateurs alike as a great idea for keeping grips in fine condition and protecting clubs against marring by careless handling.

Packed in cartons of 42 and 144
Contact Your Local Distributor or
PAR TUBE — 5710 W. DAKIN ST.,
CHICAGO 34, ILLINOIS
Oval or Round Type Bags

"TOMMY ARMOUR" NEW GOLF GLOVE

A new, patented golf glove designed by Tommy Armour and bearing his name, currently is being announced to the golf professional trade through whom it will be sold exclusively, by the makers, Par-Mate, 10 W. 33rd St., New York 1, N. Y. The new Tommy Armour glove is full finger model with reinforced thumb and an inset across the upper part of palm of special gripping material which spirals around the club as the hand closes around it, giving a firm grip and consequent club control. Glove is made of soft, lightweight South African Cape-skin, with ventilated back and fingers. Beige in color, in five men's sizes and three for women. For prices and other details write Par-Mate at above address.

WILSON ACCENTS PROS IN NATIONAL AD CAMPAIGN

Wilson Sporting Goods Co. has added to basic coverage of golf market through player magazines, full page four-color ads in chief general magazines and 420-line ads in 119 major market newspapers in 58 cities.

The advertising campaign which stresses pro approval and guidance in purchase of golf equipment, began in April and will continue thru June.

AUTOETTE RELEASES FIGURES ON GROWTH OF BUSINESS

Joseph Lennett, pres. of Autoette, Inc., Long Beach, Calif., predicts a marked increase in the use of electrically powered vehicles on golf courses. During the 1954 golf season more than 4,000 of these links
cars will be carrying golfers, according to Lennett. His company manufactures the Golfmobile.

Lennett said that of the 4,000 electric cars which will be bugging about the country approximately one fourth will be privately owned. The remainder of the cars will be rented to golfers by clubs and pros.

SEAT MASTER ATTACHMENT FOR BAG CARTS

"The easy chair of the fairways" is what Product Engineering Co., Portland, Ore., calls its new golf seat, the Cloes Seat Master. Designed to attach to the frame of a golf cart, the Cloes Seat Master provides a large padded seat 10½ in. in diameter which rests at chair height above a cart wheel and automatically lifts up off the wheel when the cart is being pushed or pulled. The golf bag itself provides a back rest for the relaxing golfer.

The Seat Master does not require adjusting or setting up each time it is to be used. Once attached to the cart (a matter of minutes with no tools other than wrench or pliers) it may either be flippéd up against the golf bag when being wheeled, or left in the "ready" position. Incorporated into the design is a spring which holds the seat rest a quarter inch above the wheel when it is not in use.

Made of pressure cast aluminum, the Cloes Seat Master weighs 3 lbs., yet it will hold the heaviest golfer. For convenience in storing or folding a golf cart, the Seat Master folds up against the bag and requires no more storage space than the cart and bag alone.

The Cloes Seat Master is manufactured by the maker of Con-Voy Bag Master golf carts but is designed to fit other makes also.

ATTENTION

Driving Range Operators and Dealers. We specialize in rebuilding golf balls with strictly new materials. Satisfaction guaranteed.

WAYNE GOLF BALL CO.
35966 South Gratiot, Route 5
Mount Clemens, Michigan
With expectations to start construction this fall or early next year, A. G. Spalding & Bros. of Canada, Limited will build a new $1,000,000 plant in West Brantford, Ont. The plant will cover 100,000 sq. ft. This will mean an expansion in its lines as well as a continued increase in the number of employees engaged in the Canadian plant.

S. L. White, Spalding Canadian pres., stated to the employees, "the firm believes Canada faces a future of continued industrial growth and an ever-expanding econo-

my which will mean an increasing demand for athletic equipment."

An artist's drawing of the proposed plant is shown here.

HOGAN'S CLUB BUSINESS GETS BOOMING START

Bob Riley, pro at Forest Park GC, St. Louis, Mo., was the first one to get in an order for clubs to the Ben Hogan Co. at Ft. Worth. St. Louis newspapers gave Riley's quick action a story.

The first sales letter Ben sent out on March 9, got over 15 per cent returns in orders. Shipments are scheduled strictly on basis of dates orders are received. Indi-

cations are that demand for the Hogan clubs will considerably exceed first year's production and an allotment arrangement will have to be devised. By mid-April pros already were increasing their original or-

ders although no clubs were to be shipped before mid-May.

Ben's got a fine new plant, amply equipped with precision machinery and numerous precision instruments for check-

ing production stages. The plant isn't large as he doesn't want big production but he says the clubs will have to be exactly right or he'll not let them out. He's kept the
GOLF AWARDS
Featuring
Better Value
Top Quality
Quicker Service
Free Delivery on
Prepaid Orders.
Send for free catalog.
Sports Awards Co.
429 W. Superior St.
Chicago 10, Ill.
Phone: SUperior 7-6034

The East’s famous
golf resort only 85 miles
from New York or Philadelphia

RICHARD E. QUILLEN, Manager
Harry Obie, Professional
Shawnee Inn
SHAWNEE-ON-DELWARE
PENNSYLVANIA
Telephone Stroudsburg 140

GLOBE GOLF BALL RE-CONDITIONER
YOU CAN
REPAIR CUT BALLS
MAKE NEW DIMPLES
Designed Especially for:
GOLF RANGES

GLOBE PRODUCTS CO.
722 Chestnut Street
ST. LOUIS 1, MISSOURI

TIFFINE (127) AND TIFLAWN (57)
Hybrid Turf Bermudas
Certified Pure Planting Stock
TIFFTON GRASS FARMS
Rt. 3 Phone 493W
Tifton, Georgia

WOOD RAKES — INTRODUCTORY OFFER
Made for heavy duty golf and grounds upkeep. ALL parts
can be bought separately for later replacement or repair.
Sample assorted dozen $20 with order F.O.B. us, or $30
from your Grounds Supply Dealer’s stock. Special teeth
for replacement fit all 5/8” bored rake heads shipped
Parcel Post C.O.D. Trial order $17.00 or
$32 per 1,000. RETOOTHING TOOL AVAILABLE.
Clinton KENT Bradley, Mountain View, N. J.

designs and manufacturing operations quite
secret while working out details to come
on the market with a finished product that
completely satisfies him.
Hogan’s been smart and lucky in getting
skilled, experienced factory help.

MACGREGOR’S "FIRST LADY"

MacGregor comes out with its 1954 line of "First
Lady' woods and irons bearing the autograph of
Louise Suggs. The woods are a driver, spoon and
numbers 4 and 5 as the standard set with the brassie
being available as an extra club. Irons, with heads
newly designed, are available in 5, 6 or 8-club sets.

CLUB BLAZERS

Woolen fabrics, of excellent quality, beautifully
styled with hand construction features are but part
of success story behind fast growing sales of Robert
Rollins Blazers. These distinguished sport coats have
found quick acceptance as versatile wearing appar-
el with club members throughout the country. Light
inventories with only a few basic sizes for members'
orders keep stock investment low. Complete de-
tails from Robert Rollins, 832 Broadway, New
York 3.
SWINGING AROUND GOLF
(Continued from page 33)

225 acres . . . Hawaiians say it will be
world's most beautiful course.

Hugh Moore did a fast job in changing
Pelham (Ga.) course from sand to grass
greens when he built 7 greens in 8 days for
the heavy work . . . Grading was done with
bulldozer blade as was cutting out the
bunkers . . . Good-looking job, too . . . Fel-
low operating the bulldozer Moore said is
a top genius at the job . . . He isn't avai-
lable for much work though . . . He's doing
life for murder . . . Moore believes the Pel-
ham course had the last sand greens in
Georgia.

Chicago District Golf Assn. handicap
cards for 1953 (14,447 cards issued)
showed 23.5 per cent in Class A (1-12);
31.7 per cent in Class B (13-18), 26.8 per
cent in Class C (19-24), and 18 per cent in
Class D (25-36.)

Bill Gordon, Illinois PGA Section, asks
section members to promptly advise manufac-
turers' salesmen of any situation the
pros believe involves unfair competition
and allow an opportunity for correction if
the complaint is justified . . . Pros just talk-
ing among themselves and not taking busi-
nesslike channels for action means delay,
bad feeling and possibly an aggravation of
the cause of the complaint, says Gordon.

Bill Leach, pro at Overbrook CC for 32
years, hires Marion (Midge) Kupsick as
asst. . . . Skee Riegel, new pro at Radnor
Valley CC (Phila. dist.) welcomed at party
to which members invited district pros and
amateurs . . . Metropolitan Golf Assn. (De-
troit dist. semi-private club operators' 
group) inaugurating “futurity plan” for 9
weeks with junior golfers being invited to
play Monday mornings at different MGA
courses without paying green fees . . . Idea
of potential golf market: Present college
enrollment about 2,500,000 . . . Enrollment
for 1964 forecast by American Council on
Education, about 5,443,000 . . . Colleges now
have 114 courses representing investment
of more than $10,000,000.

Midwest Assn. of Golf Course Supts. had
annual spring dance April 22 at Midwest
GC (Chicago dist.) . . . Midwest now has
about 175 members . . . Oscar Borgmeier of
George A. Davis, Inc., Chicago course sup-
ply and equipment dealers, recovering after
severe nervous breakdown . . . Oscar really
has punished himself working for the cus-

LIQUA-VITA
15-10-5
BLITZ 48 Chlordane
BLITZ 10 PMA
BLITZ Chelated Iron Complex
Kro-Foot-Kil
2,4-D . . . 2,4-ST
Fungicides

American Liquid Fertilizer Co., Inc.
Rokeby Chemical Co., Marietta, Ohio

IN USE 100 YEARS
ON HUNDREDS OF COURSES!
Write for FREE Catalog!
The MURDOCK Mfg. & Supply Co.
Cincinnati 2, Ohio

for lease
Beautiful Rolling Country
cleared and suitable for
18 hole Golf Course
Minutes from Washington, D. C.
Available on long term lease
JOHN GREANEY
 Warner Building
 Washington 4, D. C.

Complete equipment for
GOLF RANGES
and
MINIATURE COURSES
We have a good supply of
low priced range balls.
Catalog sent on request
McDONALD & SON GOLF CO.
P.O. Box No. 366 Tel. West Chicago 50
West Chicago, Illinois
NOW A STRONGER, HEALTHIER TURF AT LESS COST
MICHIGAN PEAT
NATURE’S FINEST SOIL BUILDER
Leading clubs maintain thick, healthy turf by building their greens with proper mixture of Michigan Peat, sand and soil. Michigan Peat makes heavy soil porous, binds light sandy soils, permits adequate aeration, holds water and plant food, allows grass to attain deep root structure. Invaluable for top dressing! Saves watering bills. Our staff will help you solve your problems and save money.
MICHIGAN PEAT, INC., 267 S Ave., N. Y. 16

WILLIAM B. LANGFORD
GOLF COURSE ARCHITECT
Balanced Topographical Design
Member:
American Society of Golf Course Architects
Telephone: Austin 7-3571
621 N. Central Ave., Chicago 44, Ill.

• BENT GRASS •
Stolons and Sod. Washington — CI — and other recommended strains.
HIRAM F. GODWIN
22366 Grand River Ave., Detroit 19, Mich.

EUGENE "SKIP" WOGAN
GOLF COURSE ARCHITECT
Design, Supervision and Construction
110 Summer St. Manchester, Mass.
Phone Manchester 309

ARLAND
World’s Largest Builder of MINIATURE GOLF COURSES
Coast to Coast and Overseas
AMERICA’S FINEST
ARLAND, 444 Brooklyn Ave., New Hyde Park, N.Y.

FEE AND RESORT COURSE OPERATORS
WE want to help more public course operators stretch dollar purchasing power up to 100 per cent on golf course and clubhouse supplies. Register FREE in mutual buying pools. Now in 8th year service, and extending to wider area.
C.K.B. SERVICES — Mountain View, New Jersey
NOT for Driving Ranges.

tomers . . . Bob Breen now supt. at Fresh Meadows CC (Chicago dist.) . . . This is a Joe Jemsek enterprise that formerly was known as Fairlawn CC . . . Chester Randby, formerly at Knollwood Club (Chicago dist.) now supt. at Edgewood Valley CC (Chicago dist.).

Bill Stipple, Exmoor CC (Chicago dist.) supt. who does great job in editing Midwest GCSA “Bull Sheet”, given portable radio by Midwest members for his valuable unpaid work for the team . . . 50th anniversary of Pinehurst’s Tin Whistles reminds Bob Harlow the Tin Whistles never had a calcutta although many of their members could out-calcutta the heaviest financially of the calcutta hustlers.

Greenkeepers’ Club of New England recently host to three generations of supts.; Robt. Mitchell, Sam Mitchell and Sam Mitchell, Jr. . . . First time that’s happened in this country . . . Rivermoor CC, Waterford, Wis., gives big welcome party to member Joyce Ziske, 19-year-old lass who’s done so well in winter tournaments . . . Bob Zimmerman starred as toastmaster of affairs which drew many pros, amateurs, golf writers.

Mike Balega turns pro to take Fergus Falls (Minn.) CC job, succeeding Pa Rose who went to Bemidji (Minn.) CC as pro . . . Bill and Dave Gordon, Doylestown, Pa. golf architects, have 4 new courses opening May 30; Indian Valley CC, near Philadelphia; rebuilt course of Lawrenceville (N.J.) School; first 9 of new Sparrows Point (Md.) CC, and new course of Hillendale CC, Towson, Md . . . Gordons have started work on new muny course at Bethlehem, Pa., and will have 6-hole junior course at Saucon Valley CC, Bethlehem, Pa., in play this summer.

Waterloo, Ia. believes it has highest percentage of active young golfers of any city . . . Waterloo population is 70,000 . . . Pros Jack Jones of Byrnes Park muny course and John Brooks of Sunnyside CC each teach almost 700 students at West and East high schools . . . Jones also teaches golf classes at YMCA and YWCA . . . Ray Forsburg, city recreation director, Finn B.