#### UPJOHN REDUCES PRICE OF ACTI-DIONE FERRATED

Growing demand for Acti-dione Ferrated turf disease control material has enabled the makers, The Upjohn Co., Kalamazoo, Mich., to reduce prices substantially. Results of Acti-dione Ferrated treatment in control of melting out, fading out, dollar spot and other fungus diseases account for the increase in sales.

Upjohn research is being extended in two new directions, one of which is of particular interest to course supts., although the other activity, that of Upjohn salesmen sending to the company's Antibiotic Research Group samples of common dirt from salesmen's territory may involve superintendents' cooperation. That work is for the purpose of searching for soil micro-organisms capable of producing an antibiotic or antiviral agent.

The other Upjohn research work directly connected with course maintenance is a fungus disease identification service.

Harold J. Maloney, chemical sales dept., The Upjohn Co., advises the following procedure is to be followed by superintendents who want identification of fungus on diseased turf grasses in order to determine what treatment is required:

Cut out turf plug about cup size with part of diseased area and part of good area on the same plug. Or, one diseased plug



GOLF PRODUCTS COMPANY WEST TRENTON, NEW JERSEY

CAM LOCK

ILIPS





to Lust Spikes CAM LOCKS have been added to the regular LARGE BASE spike. The CAMS hold spike fast in position. Will not rough sole.

F. C. PHILLIPS, INC. STOUGHTON, MASS. and one healthy plug, and preferably from an area that has not been sprayed recently.

Wrap it in waxed paper. It should be a little moist, not soaked in water.

Enclose the number of the green from where it was taken and the variety of grass if possible.

Enclose your name, address, golf course name and address inside the box.

Use empty cardboard "Acti-dione Ferrated" box to send in your sample.

Label and send the turf, Air Mail, Special Delivery to:

Dr. William Klomparens

The Upjohn Company

Antibiotics Research — Bldg. 36 Kalamazoo, Michigan

Spray infected green immediately with Acti-dione Ferrated. Although excellent results cannot be guaranteed, Acti-dione, in extensive laboratory tests, has been shown to kill all fungi against which it was tested at concentrations lower than those recommended for turf use.

Letter will be sent to you by Dr. William Klomparens identifying the fungus for you.

#### ROGLO RENTAL CART

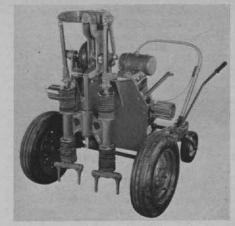
ROGLO, Inc., 6838 Milwaukee Ave., Milwaukee, Wis., are introducing a new golf cart for rental purposes. Sturdy and well balanced to take rough going day in and day out, it is of tubular steel construction with brazed joints, aluminum finish, and has solid steel axle. Its 10-in. full ball-bearing



wheels are equipped with semi-pneumatic, puncture-proof tires; 20 in. over-all tread. Basket bottom require no straps or adapters. Rubber covered spring fastener holds bag tightly on top. All parts touching bag are covered with plastic tubing to protect it. Weighing but 14 lbs., it is designed for easy rolling. Full information from manufacturer.

#### NEW MODEL FERGUSON NIGHT CRAWLER

The newest model night crawler green aerifying machine, now in production by the Berrien Tool & Die Co., Inc., Eau Claire, Mich., features 12 important improvements, which add substantially to its sturdiness, efficiency and operating speed. The new model is mounted on a one-piece ¼-in. hot rolled steel frame, has a new,



stronger one-piece cast ram housing, more positive chain and belt alignment, and uniball joints on the walking beam are included in the improvements. Change-over kits are available for all previous models. Full particulars from the manufacturer.

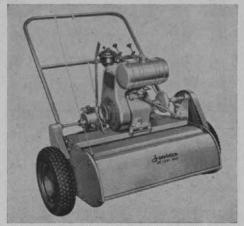
THOMSON ATTENDS NCAA TOURNAMENT



Coaches and contestants in the 1953 NCAA Golf Tournament listen intently as Jimmy Thomson explains just how he puts distance on the ball by using the new Spalding Synchro-Dyned woods. Shown in the above photo (l. to r.) standing are: Thomson, Spalding Golf Relations Dir.; Charles "Bud" Finger, Stanford University Golf Coach and Sec.-Treas. of the NCAA Coaches Assn.; Labron Harris, Oklahoma A. & M. Golf Coach and newly elected Pres. of the NCAA Coaches Assn.; Bob Kepler, Ohio State Golf Coach and member of the NCAA Board of Directors; Charles "Chuck" Erickson, North Carolina University Athletic Director and Golf Coach; (kneeling): Marion Hiskey, North Texas State College contestant and Idaho State Amateur Champion; Joe Walser, Oklahoma A. & M. College contestant, Oklahoma State Amateur Champion and Missouri Valley Conference Champion.

#### JACOBSEN LEAF MILL

Automatically picks up leaves, pulverizes them and returns particles to the soil. Selfpropelled with six horsepower, four-cycle gasoline engine. Runs on pneumatic tires at 2½ mph. with chain drive power



transmission. Separate mill and traction clutches — disc type with controls on mill handle. The machine is designed so that sticks, stones, etc., are ejected without any damage to the machine. Operator can keep rolling right over grounds where twigs are mixed with the leaves. For descriptive literature on this new unit, write Jacobsen Manufacturing Company, Racine, Wis.

#### GOLF GONTLET KEEPS HANDS WARM

The all-weather golfer can keep his hands warm and dry this season with the new Golf Gontlet, a smart, new adaptation of an old idea, which slips over the handle of the golf cart, is waterproof and fleece lined. Golf Gontlet is made of sturdy, colored vinyl plastic coated fabric and genuine sheepskin fleece. Sheepskin center slips over golf cart handle like a bicycle grip to provide soft, warm handle, while gauntlet portion provides comfortable protection from cold, wind and rain. InformaFLANGE-WRAP GRIPS (Patente Panding) Tension Wound for Greater Distance!

> orthand facturers make an extra charge for this SUPERIOR grip—except on top lines—ASK FOR IT.

It must be worth more because the owners of a MILLION clubs have paid \$2.50 and \$3.00 each to replace both old and new grips with this

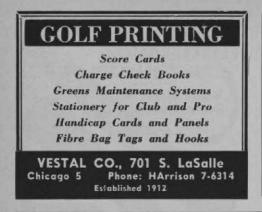
Finest Feel" in Golf

C.S.I. Sales Company

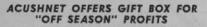
Solon Center Bldg. • Solon, Ohio Exec. Office: 536 Terminal Tower Cleveland 13, Ohio

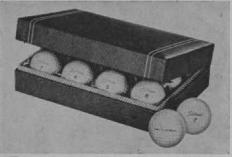
To make sure officials and operating heads receive GOLFDOM—send in the form on page 70 today.





tion from Smith-Tauscher Company, Box 3933, Portland 8, Ore.





This attractive and sturdy case offered by Acushnet and containing one dozen personalized Titleists are available for pros who are stocking up for "off season" sales. It makes the ideal Christmas gift for any golfer and an ideal Christmas profit item for every pro. Priced to retail through pro shops — no extra charge for personalizing. Similar boxes containing one-half dozen balls (NOT personalized) also available.



NEW DESIGN POWER-PLUS CLUBS ARE PRO-ONLY

Avro Sales Co., Box 4151, Westwood Village, Los Angeles, Calif., has a new design of woods and irons with the hosel coming into the clubhead more toward the center of the head than in conventional design. The clubs are designed to



eliminate shanking, reduce toed shots and get more power by having more effective hitting surface on the face of the clubs.

The Power-Plus clubs were designed by a Canadian engineer who is an excellent golfer. He got the hunch from an old head he found buried in sand at a course





near Loch Leven, Scotland.

The clubs have begun to get a good sale at Southern California pro shops where they were introduced, and reports from pro and amateur players on the Power-Plus performance are highly satisfactory. The ball is played a bit farther back than with conventional design. The wedge of this design has caught on exceptionally well and is enthusiastically spoken of by players who normally are very inconsistent with bunker shots to greens.

Power-Plus clubs are being sold with pro-only policy.

#### NEW CATALOG SHOWS WIDE CHOICE OF TABLE FINISHES AND COLORS

The Chicago Hardware Foundry Co. of North Chicago, Ill., has just completed new "Tables of Distinction" catalog printed in color showing complete line of cast construction "CHF" tables.

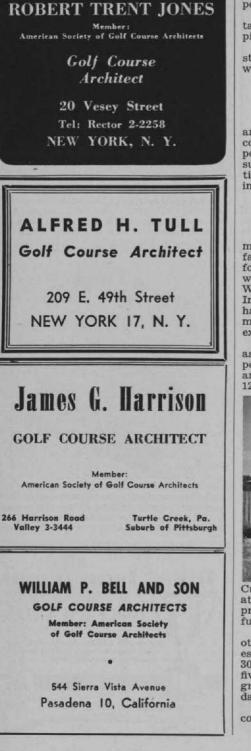
Featured in catalog is new Flare Design cast construction table base in Amber Forever solid bronze with cast iron lifetime porcelain enamel base. Other tables are illustrated in a variety of metal finishes including cast anodized aluminum, chrome and bronze plate, cast solid bronze, in addition to cast iron in a wide variety of porcelain enamel colors. ★ For the FINEST, LONGEST-WEARING and MOST ECONOM-ICAL Tee Mat on the Market! Nationally acclaimed by golf clubs and ranges as the best buy. ★ SEND TODAY FOR LOW PRICES Merchants Tire Co., 2710 Washington, St. Louis 3

Of special interest are illustrations showing many different color combinations that are now possible with cast iron porcelain enamel bases and new Sanite color finished



columns. These various color combinations and finishes allow a wider selection of harmonizing or contrasting colors for modern installations. Also included are illustrations of award-winning installations show-





ing diverse decorative schemes that are possible.

Another section is devoted to sectional tables with seats attached. Installation pictures show tables in use.

Copies of this new catalog and new stools catalog in color may be obtained by writing the mfr.

#### AUTOETTE EASY ON COURSE, SAY SUPTS.

Autoette Golfmobile weight distribution and tire equipment has received OK of golf course supts., say makers of the batterypowered device. Especially interesting to supts. is the Autoette performance in negotiating inclines on courses without turf injury.

### PRE-FAB DURABLE SHELTERS INTRODUCED AT OAKMONT

During the 1953 National Open at Oakmont galleries saw and used the first prefabricated pressure-treated shelter houses for golf courses and parks. The shelters were designed and engineered by the Wood Preserving Div. of Koppers Co., Inc., after Oakmont's Grounds committee had discussed the problem with Oakmont member Harry R. Condon, a Koppers Co. executive.

Architects and engineers Condon got assigned to the job consulted course superintendents, park operating authorities and Green-chairmen and came up with a 12 ft. by 12 ft. shelter of mixed oak.



Cut-to-size pieces were pressure-treated at the Koppers plant at Orrville, O., for protection against weather, termites and fungus.

Based on experience with railroad and other utility work the Koppers engineers estimate the new pre-fab shelters will last 30 years with minimum of repairs. The five Oakmont shelters were erected by the grounds force in slightly more than four days.

The buildings have a slightly brownish color of natural, unpainted wood.

Appearance, utility and long life of

the buildings, together with low erection cost and over-all economy registered so strongly with Oakmont officials other prefab buildings of pressure-treated timber are being considered for the course.

Inquiries of visiting club and park officials and superintendents were so numerous at Oakmont, the Koppers Co. decided to get into the field nationally.

Details of the new shelters and information concerning other course and park buildings of the general character of the Oakmont pre-fabs may be secured from Wood Preserving Div., Koppers Co., Inc., Pittsburgh 19, Pa.

#### SMALL INSECTICIDE FOGGER FOR GOLF CLUB USE

Brulin & Co., Inc., 2939 Columbia Ave., Indianapolis 7, Ind., making insecticide fogging outfit which weighs only 30 lbs. and is powered by 1 hp Briggs & Stratton engine. The outfit is said to be especially suited to needs of golf ranges and country clubs.

#### HANDSOME NEW CHRISTMAS GIFT BOX OFFERED BY SPALDING



Shown above is the open and closed view of the dozen size Christmas golf ball box to be made available to Spalding golf professionals. New Spalding Life-Time White Dot or Top-Flite Golf Balls come in this attractive box and you can have them personalized for your members at no extra charge in the dozen size box. A gift box can also be had in the half dozen size with the painting reproduction on the cover. All features are available for the cost of the golf balls alone.

The box cover has a full-color reproduction of a famous Esquire Magazine painting showing Bobby Jones making the tying putt in the 1929 National Open at the Winged Foot Golf Course in New York. It's cork lined and can be used for cigarettes, jewelry or as a utility box.

#### JACOBSEN EXPANDS SALES PROGRAM

Einar A. Jacobsen, V-P and gen. mgr. of Jacobsen Manufacturing Company, Racine, Wis., manufacturer of quality power mowers and allied products, in announcing changes in the sales organization expressed confidence in the continuing expansion of the power mower market.

"With one of our most successful selling



# **ROBERT BRUCE HARRIS**

# Golf Course Architect

MEMBER AMERICAN SOCIETY OF GOLF COURSE ARCHITECTS

664 N.MICHIGAN AVENUE CHICAGO 11 - ILL. WHitehali 4-6530

## WILLIAM F. GORDON COMPANY

**Golf Course Architects** 

DOYLESTOWN, PENNSYLVANIA

WILLIAM F. GORDON DAVID W. GORDON

Member AMERICAN SOCIETY OF GOLF COURSE ARCHITECTS



TO PEP UP THAT BIG ANNUAL CLUB EVENT ... ENGAGE



For Booking Contact: BOB GIBSON 119 Lester Rd., Park Forest, III.



seasons in more than 30 years' history now drawing to a close, we are formulating plans for further business development in 1954," he said.

Charles A. Livesey, sales mgr., will head the company's sales, advertising and service activities. Two new additions to the sales staff have been announced. O. R. Lawson returns to sales work as asst, sales mgr. Lawson has been engaged in defense production contract work for the past two years. F. C. Ranney, formerly territorial representative in Ohio, also joins the Racine organization as asst, sales mgr.

"Our thinking is constantly projected toward offering the right line of products, increased promotional help and greater profit possibilities for Jacobsen dealers for the 1954 season," says Livesey. "We are looking toward a further increase in business as a result."

### SWINGING AROUND GOLF

(Continued from page 21)

cit . . . Spencer compares operation with that of Los Angeles which showed operating profit of \$120,000 for latest fiscal year for its three 18-hole and five smaller courses . . . Spencer says politics handicaps efforts to operate SF courses on business basis.

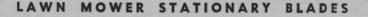
Lynchburg, Va., young men circulate

petition in behalf of establishing muny course . . Manor Club, Norbeck, Md. (Washington, D. C., dist.) to build new clubhouse . . . "Uncle Charlie" Reynolds, said to be the oldest American-born pro, presented television set by Rock Hill (S. C.) golfers.

Jake Penland, Columbia (S. C.) State sports columnist, says state is away behind in the production of golf champions and must have more muny courses and more junior golfer development such as now is being done by pros Grant Bennett, Mike Lucas, Mike Serino, Melvin Hemphill and Dave Todd . . . Penland urges that Columbia build a muny course.

John S. Brodhead, jr., Morristown (N.J.) Daily Record sports editor, devotes column to lauding job done by Ed Murray and his pro, Jerry Masiello, in restoring the Pennbrook course after a shutdown of 12 years . . . Moose Lodge at North Vernon, Ind., making major improvements on course and clubhouse at its Muscatatuck GC.

Ogallala (Neb.) Junior Chamber of Commerce completes its golf course . . . Plans for attractive, well laid out clubhouse for new Western Village CC, Tulsa, Okla., OKed . . . Floyd Farley now building the Western Village course he de-





SINGLE Lip and DOUBLE Lip HEAVY DUTY Blades for all Makes of Fairway Mowers — Hand and Power Putting Green Mowers — Power Mower Blades — Tee Mower and Trimmer Blades all made of the best quality knife steel and heat treated to insure long wear and guaranteed to give complete satisfaction. Order on your Club Stationary for Special Club Discount. Dealers and Repair Shop orders are also given prompt attention and wholesale prices. You will save important money buying direct from manufacturer.

Price sheet on request or we will quote price for your blade order.

JONES MOWER & EQUIPMENT CO. 2418 Grasslyn Avenue, Havertown, Pa. We pay the postage on all orders of \$15.00 and over.