THE PERFECTION SPRINKLER

It really does what sprinkler manufacturers have tried for years to make a sprinkler do.

It really gives even distribution over large areas (50 to 120 ft. diameter).

It really operates perfectly at any pressure from 10 lbs. up without a single adjustment.

It really turns with a constant slow motion in any position or in any wind.

It really requires no attention and will give years of continuous, uninterrupted service with ordinary care. It really establishes a new and unequalled high standard of performance that merits its name—PERFECTION.

THE STATE OF THE S

Model No. TR-\$10.00

Made in four sizes and styles at \$7.50 to \$14.00.

Ask your Dealer or send for circular. Manufactured by

PERFECTION SPRINKLER CO., Plymouth, Michigan

GRANBY MEETS LOW-PRICE TEE DEMAND AT A DIME

Keene, N. H.—A new tee, the "Bonnie" is presented by the Granby Mfg. Co., makers of the Peg celluloid tee. The tee sells for 10c a box and is made to show good value with its appearance. A reasonable percentage of pro profit is allowed. The Granby people counsel the pro not to ease up on the sale of first class tee leaders at 20c a box, but with the "repression" on folks are hunting for low prices to meet the situation with a dime seller that's good value.

Chicago, Ill.—Buckner Irrigation Co. has moved its offices from 105 W. Monroe St. to 4970 Milwaukee Ave., which is across from Jefferson Park depot of the Northwestern R. R.

C. S. LEE WITH STUMPP & WALTER AS CONSULTANT

New York City.—Cornelius S. Lee, chairman of the green-committee of the Tuxedo club, Jekyll Island club and Edgartown G. C. now is associated in an advisory capacity with Stumpp & Walter Co.

Lee is a veteran in golf course maintenance work from the club official and practical viewpoints and ought to bring some positive help to both clubs and greenkeepers in his new connection. He is in high practical standing with greenkeepers for although his club connections always have been strictly gold coast, he has been plenty willing to accept and credit good ideas no matter how close to the dirt their origin, and has never taken the attitude of being Mr. Algernon P. Grass, Himself in Person. Quite a citizen and a welcome addition in his present spot.

SPALDING HAS DISPLAY RACK FOR PROS

New York City.—A. G. Spalding & Bros. has a new dealer help for pros that ought to do a first class job in luring people into pro shops when they want scorecards and pencils.

The device is a metal rack with a frame for a Spalding advertisement at the top and compartments for scorecards and pencils at the bottom. The pro's name is lettered on the rack.

One of the devices will be supplied to pros on request.

P. A. VAILE INVENTS ANTI-SLICE DEVICE

P. A. Vaile, research genius, diagnostician and writer on golf play, comes out with a new invention, the Anti-Slicer. It is an instruction device, intended, as Vaile says, "to prevent the golfers of the world from doing what they have been consistently and persistently instructed to do up to this year of grace 1932."

He writes of the device and its function: "The downward portion of the stroke is of basic importance in golf and those who write about and teach the game have al-

THE Crescent self-cleaning of greens maintenance in

20 tooth, \$2.25

24 tooth, \$2.75

... Here's a rake that will improve your bent greens!

THE Crescent self-cleaning Rake eliminates those bugaboos of greens maintenance—matting and graining. A two-sided rake that loosens packed surface soil and brings up those straggling runners for cutting. Greenkeepers say the Crescent Rake is the best tool ever for grooming bent. Designed for easy operation—built to stand the gaff. Get Crescents from your dealer or write direct.

CRESCENT GARDEN TOOL CO.

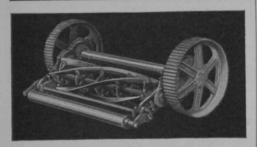
BUSHNELL, ILL.

NATIONAL MOWER CO.

839 Cromwell Avenue

St. Paul. Minn.

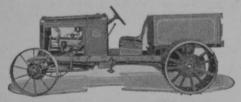
Where rugged endurance, sturdiness, and quality come first, the latest 1932 Model National Heavy Duty Fairway mower will meet your severest problem.



Using the most powerful frame, double sets of tempered steel cut gears in oil tight cases, Timken Bearings—it lasts longer.

PRICES ATTRACTIVELY LOW

Write for descriptive literature and prices on Fairway mower equipment and tractors. Thousands of NATIONAL mowers have satisfied owners covering every state.



of America's
Golf Courses
Use One or More

STAUDE

General Utility

TRACTORS

Manufactured continuously since 1916 and sold on a money-back guarantee.

E. G. STAUDE MAK-A-TRACTOR CO. 2696 University Avenue St. Paul, Minn.

Priced \$495 to \$725

Buy from your local Ford dealer, golf supply house or direct from us.

Pneumatic Tired Wheels

Steel tractor wheels may be replaced by Ford pneumatic tired wheels for paved roads.



ways insisted on the player bending his right knee toward the ball in what is practically a reverse action of the left knee in the upward swing.

"In my article, 'Golf Teaching Basically Wrong,' I showed conclusively that, in-



stead of bending in toward the ball, the right leg unbends and the knee actually goes away from the ball or line of flight. In fact the leg proceeds to straighten out and remains so straightened, but not rigid, until long after impact.

"The Anti-Slicer compels the player to keep his right knee back and thus avoid throwing his shoulders into a fine slicing position, which he must do if he follows the old method of instruction.

"The apparatus consists of a light metal frame with a leather covered band four inches below the knee cap and a similar one four inches above in conjunction with an adjustable leather knee-cap as shown in the illustration.

LINCK GOES WITH SOILICIDE SOIL INSECT EXTERMINATOR

Harrison, N. J.—O. E. Linck, formerly of the Adalink Chemical Co., Newark, N. J., now is connected with Soilicide Laboratories here. Soilicide is marketing a new, non-poisonous, non-inflammable product said to be toxic to all species of ants and other soil insects. The product is said to be an emulsion that does not filter out its active ingredients while penetrating through the soil. It is a liquid, which when diluted and poured on grass, is claimed to be positively non-injurious to the grass.

FRED GARDNER GOES WITH WILSON-WESTERN

Chicago, Ill.—Fred Gardner, for several years a member of the Illinois State Athletic commission, and a veteran figure in amateur athletics, has gone with the Wilson-Western Sporting Goods Co. as special



representative. In this new connection he will contact pro and amateur golfers, among his other duties.

Gardner's prominence in athletics dates back to the 90's when the Chicago Athletic association had its famous amateur football team numbering Gardner as one of its stars. He is one of the "old settlers" in mid-western golf having taken up the game as a member of the old Washington Park club which passed out of existence years ago. Later he joined Midlothian, Flossmoor and Olympia Fields, the latter being his present club affiliation. As a member of Olympia's board he represented the club in arranging for the 1928 Open.

C. BUTCHART MAKING NEW LINE OF "WOODS"

New York City—Pardee, 169 Duane St., is making a new line of clubs designed by Cuthbert Butchart. Clubs, branded "Longrange," have a shell of Go-Mal, a light, strong alloy of magnesium and aluminum. Shell is of convention design. The striking block and face of the club is made of a hard composition and balata. Good design, long distance, and indestructibility are leading features claimed for the clubs. Pardee states several well known proshave been testing the clubs for more than a year.



LEWIS
WASHERS
and
TEE
EQUIPMENT



Bag Rack, \$5.50 Tee Data Plate \$1.50
Tee Ensemble—lots of 1 to 10 \$10.25
" —lots of 11 or more \$9.75
See Your Dealer or Write to
G. B. LEWIS CO.
Dept. GD532 Watertown, Wis.



Spray on URFECK

... out goes CHICKWEED!

N O more hand-pulling, patching or digging! Simply Spray on PURFECK and out comes Chickweed,—roots and all. Simple, effective, saves time, money and labor. Used by the country's leading golf clubs.

Ask your dealer or write direct

ADALINK CHEMICAL COMPANY
381 Tonnele Ave. Jersey City, N. J.

The way to prosperity is through true economy in operation.

Genuine Coos County

SEASIDE BENT SEED

Oregon State Sealed and Certified (Blue Tag Only) Will Save You Money

SEASIDE BENT CO.
Gincinnati, O. New York City Seattle, Wash.
420 Main St. 115 Broad St. 1103 Post St.



NACO

A GOLF COURSE FERTILIZER"

NACO will make your fertilizer dollars pay dividends in improved turf. If unable to secure NACO from your Golf Supply House write direct to the manufacturers.

NITRATE AGENCIES COMPANY

True Washington Strain

For more than ten years no other grass has so consistently produced such a fine, true putting surface! Its disease resistance and vigorous growth reduce upkeep to a minimum. Write for full information.

Hiram F. Godwin

BENT GRASS Box A, Redford Sta., Detroit, Mich

Box 51, Wayne, Penna

Racks HANDICA

John Willy Handicap Racks and Cards are standard with practically all the leading American golf clubs. Write for booklet.

JOHN WILLY, Inc., 950 Merchandise Mart 222 North Bank Drive, CHICAGO, ILLINOIS, U. S. A.

ent Grass Seed

Native, acclimated, upland grown Rhode Island and Velvet Bents that produce the highest type turf at least first A. N. Peckham - Kingston, R. I. cost and subsequent maintenance costs.

Insure Against Drought!



The Perfect Soil Conditioner For Greens and Fairways Dry-Weedless Moisture Retaining

FERTILUVIA CORP. OF AMERICA 33 N. La Salle Street

(State 8695) CHICAGO



There are no sole-plates or inserts on the clubs. True Temper shafts, either stepdown or compensator, are used. Retail price for each club (driver, brassie and spoon) is \$12. Pro deliveries began the latter part of April.

JACOBSEN ISSUES NEW BOOK

Racine, Wis, - An interesting thoroughly descriptive booklet, describing the construction and performance of its various models of power mowers for golf course and lawn use, has been published by the Jacobsen Mfg. Co. A copy will be sent free from Jacobsen's main offices here or supplied by any dealer.

31 SALES HELPS FOR PROS

Providence, R. I.—The United States Rubber Co. is furnishing the pro this season with 31 different items he can use to good advantage as sales helps and to dress up his shop in a manner to make it more attractive to his golfers.

Here is a list of the sales helps supplied

by U. S. Rubber Co .:

Golf Professionals' Handbook of Business

Counter display cards. Four messages to sell the pro's services to members.

Price cards for all "U. S." golf balls (8) Score cards. Medal play and match play.

Course record cards-professional, amateur, and women's. (3)
"U. S." Royal counter display.

Pro Royal box for decorative purposes.

"U. S." 444 poster. "U. S." Fairway poster.

Poster for women's rain garments.

Poster for men's rain jackets.

Reproductions of magazine advertising for "U. S." Royal, Pro Royal, Queen Royal. "U. S." 444, "U. S." Fairway.

Queen Royal box for decorative purposes. Hole-in-One medal.

1932 REDUCED PRICES on SCORE CARDS -

in 5,000 Quantities, f.o.b., Chicago

Style	Price 1931	Price 1932
NOFOLD	\$19.00	\$18.00
PONY	24.00	22.00
STANDARD	25.00	23.00
BROADMOOR	27.00	25.00
LONGFELLOW	30.00	28.00

Other Forms Reduced Proportionately.

Samples on Request to All Clubs

JOHN H. VESTAL CO., PRINTERS 703 South La Salle Street - . Chicago Funny golf stories.

Pros may obtain any or all of these without cost from any salesman or branch of the United States Rubber Co. or by writing to the company's Golf Ball Division. Providence.

CATERPILLARS HEAD ARMY WORK ON JONES COURSE

Augusta, Ga.-Nine caterpillar tractors are being used in construction of the new golf course here, where the designing talent of Dr. Alister Mackenzie and Robert T. Jones, Jr. has been given free swing. Wendell P. Miller is the engineer in



A typical Mackenzie green is swiftly built by Caterpillar

charge of construction. Modern equipment is being used behind the caterpillars and work is being rushed to conclusion. Claussen-Lawrence Construction Co. and W. F. Bowe, Jr. are local contractors supplying the caterpillars and tools.

Jones and Mackenzie are striving to make the new establishment one of the world's greatest courses. The ambition naturally involves handling considerable soil and with economy being a strong controlling factor the caterpillars are having a fine chance to "do their stuff." It is expected that the club will have 3,000 members. Jones is president of the club and will reside at Augusta during the spring when the club will have its top season.

More than 5,000 trees have been trans-

CCOUNT /EG-E-TONIC

FUNGO

FOR BROWN PATCH AND SOIL VERMIN

The 2 in 1 compound that controls Fungous Diseases, Earthworms, Sod Webworms, Grubs, Beetles, etc. Applied either wet or dry. Will not burn or impair soil fertility. Very economical.

VEG-E-TONIC

Golfdom's "no filler" fertilizer Dissolves in water, producing a coof food" which does not burn or streak your greens. No "watering in." 21% Nitrogen, 13% Phosphoric Acid, 10% Potash. Prompt and lasting results guaranteed.

Small samples of FUNGO and VEG-E-TONIC mailed upon request. Write for our Monthly Schedule System of Green treatment. All free.

McCLAIN BROS. CO., 127 2nd St., Canton, Ohio

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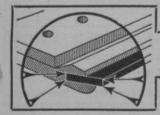
NEW MODEL D Grinds all type power - driven, fairway, putting green and hand mowers without removing mower wheels or reel knives. Carriage has travel of 42 inches. Grinds with amazing speed and accuracy. 6-inch grinding wheel driven by 1/3 H.P. motor and V belt. Very quiet running.



A Reconditioner Attachment can be running an additional price for "lapping in" putting area mowers with emery paste. This Attachment can be green mowers with emery paste. This Attachment can be quickly clamped to the Sharpener by two clamps. Write for Catalog.

The Fate-Root-Heath Co. 432-468 Bell St. Plymouth, Ohio





Cut Grass and Expenses, too

Budd 4-edged blades for mowers are doing it for others. These easy-to-change blades with multiple cutting edges are the new, modern way to quicker, better cutting. And at Why don't you investigate? Just ask for Price List "G" with the much lower expense. new low prices and full details. A postal will do. BUDD MFG. CO., Ravenna, Ohio

BUDD-BED-BLADES



HARD FIBRE TAGS FOR BAGS

SALES CHARGE BOOKS
CADDIE BADGES

APPOINTMENT

Write for Samples and Price List

GOLF-PRO PRINTING CO.

R. H. Wheels are stronger!



Rims do not bend—50% nette rounded edges—easier steering used for replacing old, weaker wheels. Sold in singles, pairs or full sets.

Prices Reduced

R. H. Tractor Wheel SPUDS

quickest to put on or take off. Doubles traction and cultivate turf... that's why more than half the U.S. and Canadian clubs use them. Durable and low priced. All sizes for all purposes. Sample spud and circular on request; advise make of tractor and purpose for which intended.

If your Ford or equipment dealer cannot supply, write direct to

R. S. HORNER

Manufacturer Geneva, Ohio Prices Reduced



Hundreds

planted to the edges of fairways. These, for the most part, are trees that will bloom during the spring when play will be heaviest.

Mackenzie and Miller made extensive use of Caterpillar tractor equipment in transforming the Bayside (L. I.) flat terrain into one of the most interesting fee course plants in the U. S.

SILVER KING OFFERS FREE TRIPS TO SCOTLAND

New York City.—Some pro who keeps his eye on the new construction Silver King golf ball, is going to be awarded by John Wanamaker a free trip for a week's golf at St. Andrews and Gleneagles, Scotland, with all expenses paid from his home and return.

The new "King" is constructed with a patented inner lining between the cover and the core, which is said by makers to give it 7 to 12 yards more distance than ever before. John Wanamaker wants to find out how many strokes this extra yardage reduces the score of the average player, on what particular holes the player benefits from this extra distance, and why?

They want every professional to answer these questions for his own course. The answer selected by the judges of this contest as the best will win the free trip to St. Andrews. This particular prize is open only to professionals in the mainland of the United States.

Anyone interested in golf, living in the mainland of the United States, can enter a second contest, which offers a free trip for two persons to St. Andrews, for the individual submitting the slogan, or description, which is chosen by the judges to be the best reason why the patented lining in the new Silver King gives this extra 7 to 12 yards distance.

This offer is a novel way of introducing the patented new feature in this year's Silver King and should attract great interest among the pro's customers.

BATH SANDALS WOOD SOLE

Prevent foot infection. Wood soled sandals are proven to be the best. Write for Prices and Literature

Chicago Lumber & Box Co., 122 S. Michigan Ave.

GOME TO US FOR HANDICAP RACKS—CADDIE BADGES
ANNOUNCEMENT BOARDS — BANQUET TABLES
HAT • COAT RACKS—CHECK ROOM SYSTEMS
W. W. WILCOX MFG. CO. - 564 W. RANDOLPH, CHICAGO

MOVIE STUDY PROMOTES IN-STRUCTION INTEREST

Joe Novak, Bel-Air C. C. (Los Angeles district) recently rated by a syndicate golf writer as fifth among the world's leading golf instructors, but who is a star instructor nevertheless, is an ardent advocate of movies in golf instruction.

Writing to Charley Ziebarth, sec. of Bell & Howell, makers of Filmo movie equipment, Joe tells of an elderly doctor from Nevada who recently visited Bel Air. Joe says there is no pro at the small wild-west course from which the medico hailed, so the doctor and his friends have been relying on movie instruction. The doctor, a man in his 60's, shot Bel Air in 92 as his initial round on a championship course.

Novak points out that the amateurs who can get interested in movie instruction become the best customers.

NEW COMBINATION LOCK FOR GOLFERS' USE

Chicago, Ill.—Dudley Lock Corp. has developed a combination lock device insuring maximum safety and privacy for locked locker contents. The new lock is self locking and the user is protected against his own negligence. It is easy to forget to turn the dial after closing a combination, but with the new Dudley device it is not necessary. The shackle is pushed into the lock case—the rest is automatic. The lock locks itself and at the same time the dial (or knob) springs to a new point, thus disguising all clue to the combination.

In country clubs, sometimes, the outer locker is made accessible to the locker boy or service man so that he may replace clothing or cleaned shoes. In such cases a different combination can be used for the inner compartment.

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